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The
**GLADIOLUS
FANCIER'S
GUIDE BOOK**

1941



HERBERT O. EVANS
(FARM—SOLON, OHIO)
P. O. — BEDFORD, OHIO



Miss New Zealand (7 inch florets)

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INTRODUCTORY

AGAIN, this booklet is planned for you. It adopts your point of view. It gives you hitherto unpublished facts upon which to base your own conclusions. It is not cluttered up with fictitious values.

A small portion of the information in this booklet is repeated from last year. In such instances, the data is still so valuable that we cannot possibly leave it out.

Of course, all information concerning prize winnings, voting symposiums, newly recommended formulas for bulb disease and thrips prevention is brought right up-to-date.

New matter begins on the next page.

SYMPOSIUM RATINGS

This copyrighted booklet again contains the principal current Symposia. This with the special permission of the Canadian Gladiolus Society and the New England Gladiolus Society, copyright owners.

BEHIND US—EXPERIENCE

Thirteen years of informative cataloging.

About five years each as Executive Chairman of the American Gladiolus Society and the Ohio State Gladiolus Society, with general duties of determining editorial policy, negotiating, drafting and executing show contracts, improving variety classification, devising scoring methods, now used with minor variations about the world.

Eleven years of competitive exhibiting of blooms in A.G.S., Ohio, and other state and regional shows. Beaten but once on commercial display and consistently unbeatable for point accumulation in the three spike, competitive color classes. Usually Achievement Award for most points in the Commercial Division.

Ten years of importing the finest varieties offered overseas.

Never licked by the thrips, thanks to corrosive sublimate, ethylene dichloride and Rototox.

Member of practically every Gladiolus Society in the world with publications in English.

Thus we keep abreast of the times and it is small wonder that, as the Symposium lists change every couple years, we have already been cataloging almost all of them years before they attained their peak of popularity.

We take no special credit for growing a variety better than the other fellow. In fact, most of our show exhibiting amateur customers grow any variety they buy of us better than we. Rather, we win in the shows because we have the cream of the latest introductions from all parts of the world. Selection of the right ones for you to purchase is the ultimate aim of our experience.

Likewise, it is our aim to aid our customers both amateur and commercial, in the saving of unnecessary expense and experimentation. Skill and care alone will not make plants yield rich and abundant flowers. The varieties must be inherently capable of it and the bulbs healthy and the plants insect pest free to permit their best performance. Printers' ink can do a lot but it cannot make a good variety out of a poor one.

A WORD TO THE WISE

Disappointment can be minimized by leaving to the highly trained gladiolus specialist the experimentation and cash investment necessary to try out all the new offerings of the many hybridizers. Those who know the quality of competition in national, state and regional shows in the last few years have come to realize that inferior sorts rarely win. We list only those varieties currently winning first prize awards and, on occasion, a limited few new ones which we have grown and which, in our opinion, are about to take their place in the winning ranks. We have almost no errors to acknowledge.

"Has beens" and varieties that have been kicking around in catalogs for years without being able to win in current major shows are omitted. You do not have to sift them carefully from our offerings. We have tried to lead you out of the usual labyrinth of a listing of hundreds of varieties where it would be next to hopeless to differentiate the best from the commonplace. By our method of listing the latter are automatically sifted out.

We have no knowledge of the existence of any other gladiolus catalog in the world that even closely approaches so exclusive a list of prize-winners.

Also, it is well to leave to the federal, state and university entomologists, pathologists and to gladiolus specialists cooperating with them, the determination of best usages for the control of insect pests and bulb and plant diseases. Experimentation by others with poisons, poisonous gases and with insecticides, the component parts of which are not understood by the user, and with unapproved methods of fertilization, usually leads to trouble.

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LAST PUBLISHED SYMPOSIUM RATINGS

(With special permission of the Canadian Gladiolus Society and the New England Gladiolus Society, copyright owners.)

The Canadian Gladiolus Society Symposium, with participation limited to about ninety ranking growers and amateurs, classifies about 600 leading varieties "A" for excellent, "B" good, "C" fair, "D" discard.

The New England Gladiolus Society Symposium for 1939 was a series of popularity contests each devoted to a single color classification. The Symposium below is based on the percentage of total votes cast. Commonly, popular vote symposiums are about two years behind the expert type in arriving to about the same conclusions.

The new faces in these lists are in italics. You may notice we have been closely anticipating the symposiums in our offerings for many years past. Undoubtedly our customers know this. And we are also offering now quite a number of varieties you will find appearing in the next symposiums two years hence. The % of "A" votes is based on a minimum of 19 voters reporting on the particular variety.

Rank	Canadian G. S. 1940 Variety	% of "A" Votes	New England G. S. 1939 Rank	Variety
1	<i>Myrna</i>	100.00	1	Picardy
2	<i>Aladdin</i>	95.74	2	Minuet
3	<i>Algonquin</i>	95.45	3	Maid of Orleans
4	<i>Minuet</i>	91.25	4	Commander Koehl
5	<i>Picardy</i>	89.41	5	Vagabond Prince
6	<i>Margaret Beaton</i>	86.95	6	Pelegrina
7	<i>Black Opal</i>	85.18	7	Mother Machree
8	<i>Vagabond Prince</i>	83.75	8	<i>Shirley Temple</i>
9	<i>Lord Selkirk</i>	83.33	9	<i>Charles Dickens</i>
10	<i>Sensation</i>	82.61	10	Bagdad
11	<i>Vredenburg</i>	81.81	11	Golden Goddess
12	<i>Beacon</i>	81.08	12	Rewi Fallu
13	<i>Maid of Orleans</i>	80.00	13	Star of Bethlehem
14	<i>Southport</i>	78.57	14	Debonair
15	<i>Camellia</i>	78.43	15	<i>Bit o' Heaven</i>
16	<i>Commander Koehl</i>	77.81	16	Beacon
17	<i>Jasmine</i>	76.92	17	King Arthur
18	<i>Hindenburg's Memory</i>	76.66	18	<i>Black Opal</i>
19	<i>Barcarole</i>	74.19	19	Golden Chimes
20	<i>Surfside</i>	73.68	20	Dr. F. E. Bennett
21	<i>Arabella</i>	73.47	21	<i>Peggy Lou</i>
22	<i>Star of Bethlehem</i>	72.93	22	Blue Admiral
23	<i>Angelus</i>	72.41	23	Rosemarie Pfizer
24	<i>Zuni</i>	71.79	24	Tip Top
25	<i>Rima</i>	71.43	25	Wurtemburgia
26	<i>Royal Gold</i>	71.42	26	Mary Elizabeth
27	<i>Snow Princess</i>	70.83	27	Takina
28	<i>Bit o' Heaven</i>	70.51	28	<i>Dr. Hoeg</i>
29	<i>Amulet</i>	69.23	29	Phyllis McQuiston
30	<i>Charles Dickens</i>	68.75	30	Bill Sowden
31	<i>Tip Top</i>	68.75	31	Betty Nuthall
32	<i>Blue Beauty</i>	68.42	32	Marmora
33	<i>Carillon</i>	68.42	33	Milford
34	<i>Vista Bonita</i>	68.42	34	Margaret Fulton
35	<i>Isola Bella</i>	67.79	35	Brightside
36	<i>Matterhorn</i>	66.66	36	Red Phipps
37	<i>Rosemarie Pfizer</i>	66.66	37	<i>Morocco</i>
38	<i>Golden Chimes</i>	66.66	38	New Era
39	<i>Joh. S. Bach</i>	65.38	39	<i>Jalna</i>
40	<i>Zauberflote</i>	62.07	40	J. S. Bach
41	<i>Harvest Moon</i>	61.29	41	<i>Barcarole</i>
42	<i>Red Lory</i>	61.25	42	<i>King Lea</i> ,
43	<i>Allegro</i>	59.64	43	<i>Rima</i>
44	<i>Peggy Lou</i>	59.09	44	<i>Zuni</i>
45	<i>Gertrude Swenson</i>	57.65	45	Wasaga

(Continued on next page)

46	Golden Goddess	57.39	46	F. J. McCoy
47	Millie Parks	57.14	47	Blue Beauty
48	King Lear	57.14	48	Duna
49	Jalna	56.66	49	Flaming Meteor
50	Bagdad	55.13	50	Ave Maria
51	New Era	54.76	51	Amador
52	Blue Admiral	54.68	52	Sonatine
53	Rewi Fallu.	54.16	53	Regent

TOP AND 2nd RATING VARIETIES IN ADOPTED COLOR CLASSES OF**Canadian G. S.**

White and Creamy W.....	Myrna
	Lord Selkirk
Blush White.....	Camellia
	Rosemarie Pfitzer
Light Yellow.....	Jasmine
	Royal Gold
Deep Yellow.....	Harvest Moon
	Golden Goddess
Orange to O. Y.....	Bit o' Heaven
	Amulet
Light Salmon, Lt. Rose.....	Picardy
	Carillon
Sal. O.S. & Re. S.....	Barcarole
	Joh. S. Bach
Ro. Sal. & Sal. Ro.....	Vista Bonita
	Smiling Maestro
Medium & Deep Rose.....	Sensation
	Southport
Scarlet & Light Red.....	Algonquin
	Beacon
Red, Crimson & Dk. Red.....	Commander Koehl
	Rewi Fallu
Maroon & Black Red.....	Black Opal
	Arabella
Light Mauve, etc.....	Minuet
	Isola Bella
Med. & Deep Mauve, etc.....	Gertrude Swenson
	Highland Chief
Purple.....	Charles Dickens
	King Lear
Light Violet.....	Blue Beauty
	Allegro
Med. & Dark Violet.....	Blue Admiral
	Robert Burns
Smoky, etc.....	Zuni
	Jalna
Pk. ++ Cre. or Y.....	Aladdin
	Angelus
Lt. Colors + Dk. Blotch.....	Margaret Beaton
	Zauberflote
Any other color.....	Vagabond Prince

New England G. S.

White.....	Maid of Orleans
	Star of Bethlehem
Cream.....	Shirley Temple
	Mary Elizabeth
Light Pink.....	Debonair
	Rosemarie Pfitzer
Light Yellow.....	Golden Chimes
	Golden Cup
Deep Yellow.....	Golden Goddess
	Gate of Heaven
Buff.....	Wasaga
	Duna
Yellow Orange.....	Bit o' Heaven
	Brightside
Red Orange.....	J. S. Bach
	Barcarole
Salmon Pink.....	Picardy
	Betty Nuthall
Deep Pink.....	Peggy Lou
	Phyllis McQuiston
Light Rose.....	Rima
Deep Rose.....	Red Lory
Scarlet.....	Beacon
	Dr. F. E. Bennett
Red.....	Commander Koehl
	Rewi Fallu
Dark Red.....	Black Opal
	Dr. Hoeg
Light Lavender.....	Minuet
	Isola Bella
Dark Lavender.....	King Arthur
	Gertrude Swenson
Purple.....	Charles Dickens
	Takina
Lt. Violet.....	Milford
	Blue Beauty
Dk. Violet.....	Pelegrina
	Blue Admiral
Smoky.....	Mother Machree
	Bagdad
Any other color.....	Vagabond Prince

Note: In N. E. G. S. list we have subdivided some colors and we moved Rosemarie Pfitzer from second cream to second light pink classification, where we feel that it should classify. This moved Mary Elizabeth up to second cream and demoted New Era from second light pink. Likewise, Takina moved back to purple, demoting King Lear.

In C. G. S. list we have corrected apparent mathematical miscalculation by substituting Carillon for Peggy Lou and Highland Chief for Director.

WISCONSIN SYMPOSIUM

Color class popular symposium, 1940.
 Pure pink, Peggy Lou
 Red, Commander Koehl
 Cream, Shirley Temple
 Salmon pink, Picardy
 Yellow, Golden Chimes
 Lavender, Minuet
 Purple, Charles Dickens
 Violet, Blue Admiral
 White, Maid of Orleans

Top ranking varieties, any color, were Picardy, first and Peggy Lou, second.

GRAND CHAMPION BLOOMS

The Grand Champion Bloom of the Show is, ipso facto, a sweepstakes award to the best spike in the Exhibition, wherever found. A mere class calling for specific entry there of blooms, the best of which is to be labeled "Champion spike", is plain bunk and publicizing such a mere class winner as the "Grand Champion" is very misinforming.

Some (not many) hybridizers and catalogers are very loose in their use of the words "Winners," "Champions," etc. For your own protection, scrutinize these assertions closely and see if the winning is identified to time and place. An honest introducer of new varieties will be reasonably sure to specify rather than generalize or use language intended to deceive.

In recent years a few of the larger shows have provision for Com'l. Div. Champions in the Exh., Dec. and Sm. Dec. types, repeating the 3 champions in the Advanced Amateur Div. Topping off these, some shows make further provision for Grand Champion Bloom of the Show. Some shows, notably the Ohio and Mahoning, have provision for Grand Champion Seedling Bloom.

We search the world for winners. We disclose authentic Champions. If we have missed any, will hybridizers advise us to their advantage?

Grand Champions in major shows about the world inside the last ten years follow:

- Abe—Wash., '40.
- Aladdin—Ind., '38. Yakima and Winnipeg, '39. 2nd Calgary show, '40.
- American Commander—W. Va., '40.
- Bagdad—Quebec. G. S., '35., Yakima, '38, Pa., '39.
- Beacon—Wash., '38. Wellsville, O., '39.
- Betty Nuthall—San Leandro, '31. Utah, '35.
- Blue Beauty—Haarlem, '36.
- Canberra—Wash., '34.
- Chamouny—E. Bay, '40.
- Colossus—Metro., '39.
- Commander Koehl—Wash., '32. East Bay, '35., Regina, '38. Hamilton Dist., '40.

- Coryphe—Wash., '33.
- Crystal—So. Australia G. S., '37.
- D. A. Hay—Winnipeg, '32.
- Dazzler—Ohio, '38.
- Del Ray—Ill., '38.
- Fairy Tale—Haarlem, '31.
- Ferdinand's Fancy—Utah, '40.
- Flagship—C. G. S., '39.
- Frank J. McCoy—A.G.S., '34; Ill., '35; Ohio, '35; N.E.G.S., '35, '36, '37; Metro (NYC), '36. C.G.S., Ames and Sioux City, '38; Conn. '39, Ill., '40.
- Helen of Troy—Grants Pass, '40.
- Heritage—Wisc., '34, Grants Pass., '37, '39.
- Hindenburg's Memory—Parramatta, N. S. W., '39.
- Joh. S. Bach—Vancouver, '35, Wash., 37.
- Jubilee—Ohio, '37.
- Keystone—Pa., '40.
- King Click—Ohio, '40.
- King Midas—Blue Ridge G. S. (Md.), '39.
- Lord Selkirk—Minn., '38, '39, Winnipeg, '40.
- Lucifer—R.H.S., So. Australia, '35.
- Luminosa—Utah (1st show), '39.
- Maid of Orleans—Mah. G.S., '36.
- Margaret Beaton—E. N. Y. (Rhinebeck) and Ind., '40.
- Margaret Fulton—Pa., '36.
- Marguerite—Wash., '39.
- Maunga—Miramar, N. Z., '34.
- Maxwellton—Algona, '39.
- Melrose—Melbourne, '39.
- Mildred Louise—Ohio, '33.
- Minuet—Iowa G.S., '35, '37, Ind. G.S. '37.
- Miss New Zealand—Marlborough H. S., '32, '33; Ballarat, '35; Dunedin, '35; N.Z.G. S., '36; Calgary (Aug. Show), '37; Minn., '37. Sioux City, Oamaru, N. Z., Launceston, Tas. (shown with 12 open) and N.Z.G.S. (2nd day), all '39.
- Mother Machree—Ohio, '32; Conn., '35; Ill., '36, E. S. G. S., '40.
- Mr. Fred'k. Christ—Ohio Fair, '32, Ballarat, '32.
- Mr. W. H. Phipps—Ill., '32; N. E. G. S., '34; Grant's Pass, '36.
- Mrs. Robert Nash—N.Z.G.S., '37.
- Mrs. G. G. Errey—Glad. Sec. of R.H.S. of N.S.W., '37; Hobart (Tas.) and Malvern (Vic.), '39.
- Myrna—Md., '39, E. N. Y. (N. Y. City), '40.
- New Zealand Splendor—Lyttleton, N. Z., '39.
- Our Selection—Ballart (2nd show), '32; Malvern, '35; Cedar Rapids (Ia.), '37; Canterbury (Vic.) and Sandringham (Vic.), '39.
- Pacemaker—Mah. (2nd show), '39.
- Peggy Lou—Mah. G.S., '37, '38, N.E.G.S. Brockton, East Bay and Wellsville, '38. Mah. (1st show) and Mich., '39, Wisc., '40.
- Pfitzer's Masterpiece—Calgary (1st show), '39., S. E. Mich., '40.

Picardy—C. G. S., '32, '34, '35, '36; Cal-gary, '34, '35; A.G.S., '35, '36, '37; Empire S. G. S., (N. Y.), '35, '36; Port Arthur, '35; Minn., '35; Winnipeg, '33, '36; Conn., '36, Metro, Mid-South, Ill., Md., Pa., Sunnyside (Yakima Valley G. S.), Hamilton (Ont.) Dist., all '37, N.E.G.S., Wisc., Iowa, Cedar Rapids, 2nd Calgary, all '38. Marion Co. G.S. (Ind.), So. East Mich. G.S., Ames, Mid-South, Wisc. and East Bay, all '39. Iowa, Cedar Rapids, Sioux City, Quebec, Mich., N. E. G. S., all '40.

Pink Selection—Tasmania (Feb.) '38.

Pirate—Utah, '38.

Pititi—Papanui, '34; Timaru (N. Z.), '39. **Queen Mary**—Winnipeg, '34; Seddon (Vic.), '39. Minn., '40.

Rapture—Mid-So., '38.

Rangatira—N.Z.G.S. (1st day), '39.

Recovery—Blue Ridge (Md.), Marion County (Ind.), '38; Ill., '39.

Red Lory—Wash., '35; East Bay, '36; Auckland, G. S., '36, Snohomish Co., '39.

Red Phipps—Century of Progress, '33.

Reverie—Utah (2nd show), '39.

Rewi Fallu—Hasting (N. Z.); Wellington (N. Z.), '39.

Rose Defiant—Wellsville, O., '40.

Rosemarie Pfizer—Winnipeg, '35; Woolston, '36; C. G. S., '37; Calgary (2nd show), '39, 1st Calgary, Edmonton and C. G. S., all '40.

Rosex—2nd N.E.G.S.—Brockton, '38.

Shirley Temple—Eastern N. Y. G. S., '39.

Silvery Teton—Marion Co. (Ind.), '40.

Southern Command—Dunedin (N. Z.), '39.

St. Edward—Kensington (So. Australia), '37.

Star of Bethlehem—Minn., '36.

Stella Antisdale—Ohio, '39.

Sunnyside—At six shows, Australia, '31; Ballarat, '35 (2nd show); Box Hill (Vic.); Blackburn (Vic.), '39.

Tanui—Christchurch, '33.

Tasman—Nelson (N.Z.), '39, Freemantle, W. Austr., '39.

Tip Top—Peterboro (Ont.) Hort., '36, '37.

Vagabond Prince—Algona, (Ia.), '40.

Wings of Song—Iowa, '39. Md., '40.

Zuni—Grants Pass, '38.

Col. Wm. Light (E. Both)—So. Australia G. S., '36.

Crystal (E. Both)—So. Australia G.S., '37.

Fairy Tale (Pfizer)—Haarlem, '31. (Was also grand champion.)

Frostpink ornatus (Evans)—Mahoning G. S., '33.

Gertrude Swenson (Swenson)—Ballarat, '28, '29. Victoria, '32.

Grand Slam (Salbach)—San Leandro, '32. **Icelander**—(Evans)—Ohio, '37.

King Click (Wilson) Ohio, '40.

King William (Schenetsky)—Conn., '37.

Mary Elizabeth (Dr. H. W. Stevens)—N. E. G. S., '30.

Merry Widow (Evans)—Mahoning G. S., '31.

Milford (Rides)—N.Z.G.S. (Canterbury) '34.

New Era (Ellis)—Ohio, '35.

Pacemaker (Evans)—Ohio-Mahoning, '34.

Peggy Lou (Wilson)—Pa. G. S., '37, Mah., '37.

Rawhiti (Julyan)—N. Z. G. S. (Christchurch), '35.

Rewi Fallu (Fallu)—So. Australia G.S., '32.

Stella Antisdale (Evans)—Ohio, '39.

Tunia's Triumph (E. Both)—So. Australia G. S., '34.

Whero (Burns)—Normandy, '33; Wau-ganui, N. Z., '33.

"Your catalog the best by a long shot and it certainly is a necessity to the glad fan." 2-7-40. J.H.O., Wellesley Hills, Mass.

"Have again received your catalog. Find more wealth of information in it than in any others and thank you for sending it." 2-8-40. E. A. L., Spring Green, Wisc.

"Well, you did it again, only better. I refer to your catalog. It arrived today. It's just cram full of most everything a gladman wants." 2-1-40. O. P. S., Athens, Mich.

"As usual, your guide book is tops. Informative and comprehensive in its special features, highly selective in its listing of varieties, discerning in its descriptions and comments, it is a valuable reference book as well as a catalog." 4-5-40. Prof. C. F. K., Detroit, Mich.

"I rec'd your catalog and have been going through it carefully and one thing struck me quite forcefully. That was that the varieties you offer today are the future prizewinners of tomorrow. Many times I pick up old catalogs and back issues of the N. E. G. S. yearbooks, when I read the claim of some grower about some new variety to see how his predictions of former years have turned out. And I think a lot of other people are doing the same thing and I can imagine them saying, Well, Evans ranks about tops in his predictions. For after all, what a man claims about a variety today has to be judged by what he had claimed in the past." 2-7-40. J. E. D., Freehold, N. J.

CHAMPION SEEDLING BLOOMS

Following seedling champions were not merely winners in their classes of certain types. They were champion seedlings, all types competing. Not many Prize Schedules make provision for this competition, it being most popular, apparently, in Ohio, Australia and New Zealand.

Blue Wonder—(E. Both) So. Australia G. S., '35. (Was also runner-up for open grand champion.)

Caroline Werner Gannett (Chamberlain)—E.S.G.S., '37.

CASH DISCOUNTS

We have adopted an important change of policy with respect to discounts, which we anticipate will be to the advantage of our customers, especially to those placing their orders before March 1st. Please give this subject, explained on page 13 hereof, your close attention.

GLADIOLUS SEED

Demand for our hybridized seed increases. This season we set out only such crosses as appealed to us for our own experimentation. We cropped more seed but have less crosses to offer. We bloomed some marvelous seedlings last October. Beyond question, growing seed offers unparalleled excitement to the glad fan. Our quality list of seed crosses will be found on page 14.

AT THE SHOWS

It is difficult to appraise the attitude of the reader respecting reception of data relating our personal winnings at shows, or even that of our customers.

From year to year we have been shortening this discussion. Partly because interest centers chiefly upon what variety won rather than upon who won.

Because of the advantage we have with our stocks of the newest varieties, heretofore used in competition with so many of our own customers, we started to minimize our entries in the commercial color spike classes and to devote ourselves mostly to Recent Introductions and Seedling Divisions.

We visited the W.Va. Soc. 1940 show at Grafton at date before our glads came into bloom. Some southern Ohio soc. exhibitors, notably Leo Lawrence, of East Liverpool, arrived with many fine spikes to enhance the show which was a very creditable exhibition for an initial show of a new state society.

Among the most outstanding spikes were American Commander (grand champion), Myrna (sec. champion) Pinnacle (16 open) and a large salmon pink seedling winner by J. A. Keller, named Nina Zinn at the show.

At the S. E. Mich. society show, Detroit, we won 22 firsts, 7 seconds and 3 thirds, including most points in the Recent Introduction division and the Andrew C. Maier Trophy.

From the report of the show by the secretary, we extract the following:

"Mr. Herbert O. Evans, of Bedford, Ohio, staged a magnificent display of recent introductions. This was the real highlight and attraction of the entire show. A few of the immense spikes of perfect quality were Donna, Greta Garbo, Sir Galahad, June Bride, Exquisite, Midnight Red, Dr. Verhage, Shenandoah, Silantium, Dazzler and Gorgeous Glad." W. J. Dittman, Secretary.

In the open color classes we won with outstanding spikes of Harmau, Winall, Dr. Verhage, Silantium and Blue Beauty.

Our most outstanding winners in the Recent Introductions division were probably Greta Garbo, June Bride, St. Edward, Harmau and Midnight Red.

At the Mich. state society show, Jackson, we secured 19 firsts, 9 seconds and 5 thirds (most of our losers trailing our own winners). Our orange salmon pink seedling No. 73555 was winner of the American Home Achievement Award. It has been named Hurricane. This seedling came from same pod as 83553, which has been named Spitfire a large rosy salmon, champion seedling Ind., '38 and A. M., Ohio, '39.

We won the Mich. Silver Medal for most points in the Recent Introductions division and the O. P. Stancer Perpetual Challenge Trophy on Helen of Troy, section champion. We won two other section championships with Peggy Lou and Sub Deb. Many thought the grand champion lay between our giant spikes of Miss New Zealand, Helen of Troy and Peggy Lou, but it finally went to a good spike of Picardy.

Our most outstanding winners in the 3 spike open were Stella Antisdale, H. B. Pitt, Tunia's Triumph, Peggy Lou, Lavender Ruffles and Sub Deb. The best of our Recent Introductions winners were Dazzler, Stella Antisdale, Greta Garbo, Helen of Troy and Mrs. Mark's Memory.

At the Canadian national show, Stratford, Ont., we again saw our most interesting show of the year. Not so many spikes of grand champion caliber scattered throughout the hall as in 1939 but plenty, not to mention many new decoratives of excellent color values.

From our point of view the most outstanding spikes of the show were Rosemarie Pfizer, both grand champion and "most beautiful bloom" in the show, Master Myron, best U. S. introduction, Coutts' Orchid, stunning again (we grow and list it now), Red Charm (8 open), Lady Jane, many fine spikes of light yellow, 6 open, color to tips, a dozen or more spikes of Algonquin by Palmer, averaging 5½ inches, 9 open, 22 buds, 30 inch flowerheads, a basket of huge spikes of Beacon by Klein.

Among the seedlings that intrigued us were several other creams, No. 3223 by Coutts, one by Lade and one by Palmer now named Winston. Mr. Harris had fine spikes of Greta Garbo, Edelweiss and Carillon, among many other new ones too numerous to mention. Besides Winston, above mentioned, Palmer showed about 30 seedlings, many interesting but this is the first year we have come home from a C. G. S. show without noting a new Palmer seedling as a "must have." His 36156 black red with fine cream line, step-ladder spike, had extra good color value.

At our **Ohio** society show, held in the immense Convention Hall at Cedar Point, we won 175 points, 28 firsts, 19 seconds and 20 thirds (here again most of our losers trailing our own winners). Our entries were almost entirely limited to Recent Introductions division, 3 spike exh. color class section and arrangements division. Due to planting our seedlings last in a late season, we had almost none during the show period.

However, our 1st on our 200 ft. collection display netted an Ohio Silver Medal. Our Achievement Award for most points in open Recent Introductions division netted the Templin-Bradley Silver Medal. Our Achievement Award for most points embracing the commercial divisions netted us the N. E. G. S. Silver Medal.

Our giant spikes of King of Hearts and Chief Multnomah, taken from our stand and another of Peggy Lou from R. I. section were among the small honor groups from which the grand champion was chosen but lost to Wilson's big red seedling since named King Click. The A. E. Kunderd Co. beat us for points in the arrangements section but we won 4 firsts, 3 seconds and 2 thirds among the 13 classes, including a first of which we were proud, a beautiful combination of Lavender Ruffles, a purple seedling and Liatris. Our winning corsage entry (Sub Deb) and winning Bridal Bouquet (a rose made up of about 100 glad petals, well blended) attracted much attention.

We would consider that our best spikes at this show, other than those already mentioned were 3 spikes of Pacemaker with a total of 38 open florets, Rosa van Lima, Misty Dawn, Jim Holland, Pinocchio, Dr. Verhage, Aladdin II, B. Pitt, Stella Antisdale, Magnolia and R. B.

Among outstanding spikes entered by others, mentions surely should be made of Wilson's Treasury Gold (section champion), Jules Amott, Purple Classic, Mrs. Richard McGovern, Ohio Nonpariel, Malay Chief, Rose Defiant and Buckeye Rose and New's American Commander. We thought the best amateur entries were Crystal, F. J. McCoy (14 open), Mrs. C. P. Worley, Stapleford, Reverie, Del Ray, Imperial Pink and Zuni.

At the **Empire** state society show, Syracuse, for the 3rd year we filled a large table with samples of recent introductions and a number of imported varieties not yet released. Because date always overlaps our Ohio Show we again returned home from close of Ohio show after midnight, cut blooms by flashlight and arrived at Syracuse 6 hrs. after close of competition and plenty tired. The Empire show, always good, this time outdid itself in the profusion of spikes of grand champion caliber.

Prominent among the latter were Mother Machree (grand champion) Treasury Gold, Ohio Nonpariel, Wings of Song and Minuet, section champions, also Full Hand, 10 open

for most open, Mammoth Ohio for largest floret, Misty Dawn and C. W. Gannett, giant N. Y. state introductions. The best amateur entries, by sections, were Zuni, Chief Multnomah, Mrs. W. P. Chrysler and Orange Queen. In the open 3 spike color classes some exceptionally good winners were Glamis, Myrna, Regent, Malay Chief, Purple Classic, Star of Bethlehem, Chief Multnomah. There were many excellent seedlings by Rich, Riley, Chamberlain, Kadel and Wilson.

In September we staged our regular glad exhibit at the Ohio Dahlia Soc. show at Cleveland.

CANDID COMPARISONS (at random)

In spite of its spectacular show career, we have not yet timed Stella Antisdale right for the shows. It is earlier than we had considered it. Only early season visitors to our fields have seen the truly giant, full exhibition florets of light pink of which this variety is capable.

What would you think of a select list like the following 15? Aladdin, Crystal, Greta Garbo, Harmau, Helen of Troy, King of Hearts, Margaret Beaton, Myrna, New Zealand Splendor, Peggy Lou, Rosa van Lima, Silentium, St. Edward, Stella Antisdale and Treasury Gold. That's "fast company" in any glad fan's language. If one item had to be extracted we would give up the struggle. If Picardy were included possibly we could have managed one.

Extensive betterments have come to the aid of some weak color classes, particularly to light colors with pronounced blotch, now remedied by the inclusion of Margaret Beaton, June Bride, Helen of Troy, Sir Galahad, New Zealand Splendor, Candyheart Silentium and Rodney.

To light pink, substantially unmarked, by Stella Antisdale, Greta Garbo and Pacemaker.

To light rose by Rosa van Lima, Exquisite and Coutts' Orchid.

To rosy scarlet by Harmau.

To yellow by Golden Galleon.

To creamy yellow by Jim Holland and Sir Galahad.

To orange by Treasury Gold, Pinocchio and Dazzler.

To giants in the smoky class by Misty Dawn and R. B.

Do you like long, stretchy flowerheads? Here they are, 30 inches or better; Peggy Lou, Picardy, June Bride, Exquisite, St. Edward, Treasury Gold, King of Hearts, Algonquin and King Click.

The longest of these, Treasury Gold.

Let us consider the bulk of bloom on a given flowerhead. Say 4 inches diameter and up. Plenty of 4 inch glads. Can it be possible that of two spikes with equal number of open florets, one can have twice the bulk of bloom of the other? Yes, you can imagine that to be possible. But, four times the bulk of bloom? No, impossible you say. Perhaps you counter—A floret just twice the diameter of another couldn't be four times as big. But you are wrong. Let us compare 2 spikes, one with five open 4 inch florets, the other with five open 8 inch florets. Here are the cold facts:

Diameter 4 inches, area 12.57 square inches.

5 inches	19.64
6 inches	28.27
7 inches	38.50
8 inches	50.27

So figure it out for yourself. What's more, a spike with only two open 8 inch florets has as great a bulk of bloom as one with eight open 4 inch florets!

Therefore, let us particularly call your attention to our "Key" (see page 13) use of star * in our variety description to denote size of floret. These are the giants of Glad-dom: Merry Widow, King of Hearts, Crystal, Miss New Zealand, Takina, Tunia's Triumph, Walk Over, California and Helen of Troy. Close on their heels and at times making even bigger flowerheads by holding more open, come Peggy Lou, New Zealand Splendor, Treasury Gold, Aladdin, Hindenburg's Memory, Picardy and others.

Beauty of color harmony. All see this more or less differently. Particularly with odd colors as in Vagabond Prince and Gertrude Swenson. But we would be thoroughly surprised if a single person could fail to enthuse over the color of Treasury Gold, New Zealand Splendor, King of Hearts, Coutts' Orchid, Margaret Beaton, Silentium,

Dazzler, Pinocchio, Rosa van Lima, Midnight Red, Rodney and R. B. Nor is this a complete list of the beauties by any means.

Cut flower growers are keen to buy varieties of which economically purchased number 4 medium bulbs make saleable spikes while being grown into large bulbs. Among the very best performers we have in mind particularly Peggy Lou, Rosa Van Lima, Harmau, Black Opal, Margaret Beaton, Stella Antisdale, Aladdin, Raysheen, Walk Over, Vela, Jersey Cream, Vagabond Prince, Greta Garbo, Dr. Verhage and Silentium. These are our star performers from medium bulbs, all doing relatively fine from small bulbs as well.

It's a rare glad if we can find no fault with it or at least some feature leaving room for some improvement. Even as with individuals a glad has reached the peak of success as soon as one begins to be satisfied with it.

The interesting excerpts from customer letters scattered throughout this guidebook (in small italics) are mostly selected from individuals prominent in the industry or society officers.

The stocks of Dr. Verhage, Herbstfreude, K & M's Triumph, Mrs. Mark's Memory and Silentium are very limited in America. The few who imported them before the war ended bulb imports from Europe are lucky indeed. The opportunity to replenish stocks via import to compensate for stocks now sold has passed into the dim future. To sell these items at less than prices asked would be foolish. Possibly K & M's Triumph should not have been offered at all until more are propagated. This applies to Dazzler also for the reason that Mr. Both has just had an accidental loss of almost all of his stock of that item.

Hindenburg's Memory probably belongs in that select list of 15. Easiest way in would be to call it 16. We list more scarlets than we would prefer. Suppose you tell us which one is not sufficiently outstanding for our select listing. We give up.

ANNOUNCEMENT EXTRAORDINARY CONCERNING THE WORLD FAMOUS TUNIA EXHIBITION STRAIN

We are pleased to advise our customers that we have entered into an exclusive arrangement with E. Both, world famous hybridizer of Adelaide, South Australia, whereby we are permitted to purchase stocks of his seedlings intended for introduction, a year before public release. We thus have stocks, grown here two years, fully acclimated and under U. S. release a year before normally possible. Importers, growers and catalogers will readily see the several advantages of such opportunity of purchase.

However, this arrangement is not intended to preclude Mr. Both from selling directly to U. S. customers, as heretofore.

Mr. Both's varieties of recent years have proved sensational, particularly Tunia's Triumph, Crystal, Harmau and St. Edward.

PREVIEW OF OUR 1941 INTRODUCTIONS

For prices and further description consult general variety list.

COL. WM. LIGHT (Both). Exhibition only is indicated by Mr. Both's statement that it is only an average performer with him in the field unless planted in fertile ground. However, its metallic orange pink with rather spectacular yellow throat, great size and many bud spike gives instant appeal.

FASCINATION (Both). A still more beautiful orange pink, without prominent throat marking. A good ruffled, commercial decorative glad. Parentage, Rosemarie Pfitzer x Tunia's Triumph.

H. B. PITTS (Both). All three Both introductions are orange pink, yet decidedly different. This one is light orange pink shading smoothly into clear cream throat. A more delicate color than Picardy. Makes full exhibition, massive and powerful spikes. An all purpose glad. A sister seedling to Harmau. Same powerful growth, heavy propagator, very stiff stem. Parentage, (Picardy x Crystal) x Tunia's Triumph.

KING CLICK (Wilson). This variety makes it a three way race for best stretchy, scarlet variety. (The others, St. Edward and Algonquin.) This one is most ruffled, tallest and makes a giant plant. A glad has to have all kinds of "oomph" or something to pull down both champion seedling and grand champion bloom of the show at the Ohio annual exhibitions.

MISTY DAWN (Rich). One more giant to confound those who have not yet seen florets over 7 inches in diameter. Seeing is certainly believing. Excepting R. B., listed smoky but really in the so-called "any other class," Misty Dawn is the largest smoky so far to come to our attention. Well grown Bagdad looked puny alongside. The orange red blotch is very striking on the gray-blue salmon flower. Another thing in its favor is the extremely low introductory price.

PREVIEW OF OUR 1941 IMPORT RELEASES

COUTTS' ORCHID (Coutts). The harmony of smooth orchid pink, blending into a clean cream throat on big round petalled florets was attractive enough for us. When the edging of the petals took on a quarter inch lighter halo (Mr. Coutts said the edge tended to develop after spike was cut), that settled it for us. So we have been growing it and have been very satisfied except for the fact that bulblet production is not in the very prolific class. We managed to have a good spike at time of the Mich. show but our Ohio customer, Mrs. John Sherwin also had a good spike, but of Excell, and honors went to her. However, Coutt's Orchid has excellent commercial traits, larger florets, will please all who like orchid pink and that's nearly everybody.

DR. A. J. VERHAGE (Van Buggenum). Not too tall nor too many buds for commercial use. But immense florets of clean, deep orange toned rosy scarlet, spectacularly blotched. Will come into its own as a valuable commercial ahead of Coutts' Orchid because of rapid propagation. Many of our customers have been impatiently waiting for a chance to buy some stock, as we have had blooms for three years and put off introduction one year to make possible a reasonably modest introductory price.

HERBSTFREUDE (Holland). Color about as Takina, a bit softer (not so glistening). Almost as large but for two years it has proved a much better commercial than Takina.

K & M's TRIUMPH (Konyenburg & Mark). A medium toned pink. Large florets, immense plant and spike. When this world famous introducer of Pfitzer varieties finally applies its own name to a glad you need not hesitate (except at the unfortunately high price).

MRS. MARK'S MEMORY (K & M). We have had 8 inch florets, winged style. 9½ inches has been claimed for it and if this be true we are discussing the world's largest glad, not to mention the largest purple glad.

RODNEY (Coates). Another giant variety, a beautiful, glistening dark scarlet with spectacular whitish blotch. Double row exh. type spikes, 8 open. Excellent cut flower habits as well. Just a glance at Rodney will convince you there is still room in the already crowded blotted scarlet class for one more.

SILENTIUM (Pfitzer). Perhaps the last Pfitzer variety we will ever be able to offer. And one of the best. White, blending to cream center on which there is a small carmine feathered marking. Color makes it an immediate contender with Margaret Beaton. Not as close to dead white, nor as tall but more regularly placed, better habits of growth, fine blooms from small bulbs and headed for world fame as a cut flower.

SIZE OF BULB TO BUY

If economy be the aim, do not rely on small bulbs to give wholly satisfactory blooms. The small bulbs will all bloom but medium bulbs almost always give far better than "medium" sized spikes of the given variety. Our descriptions usually indicate whether or not the variety is an exceptionally fine producer of blooms from the smaller sizes.

A number of varieties either have come into sufficient world production to warrant low price for large bulbs or bloom so unsatisfactorily from medium size bulbs that, for the protection of our customer, we omit the smaller sizes from our pricing. Likely, we have them if you insist but we recommend only the sizes offered.

Commercially, bulbs are graded into 6 sizes. Size 6 is under $\frac{1}{2}$ inch diameter and other sizes range up every $\frac{1}{4}$ inch, the Number 1 bulb being $1\frac{1}{2}$ inch up. Catalogs commonly offer bulbs as L (large) sizes 1 and 2) ($1\frac{1}{4}$ inch up); M (medium) (sizes 3 and 4) ($\frac{3}{4}$ to $1\frac{1}{4}$ inch); S (small) (sizes 5 and 6) ($\frac{1}{4}$ to $\frac{3}{4}$ inch) and Blts (bulblets, the little hard shelled cormels which cling at the roots of the bulb).

For the most part we deliver number 1 for L, number 3 for M and Number 5 for S. Tiny bulblets are screened out and where they are priced per each they are selected as large as they run. Moreover, except on large quantity orders, we prefer to supply No. 2L for M rather than No. 4 and to supply No. 4M for S rather than No. 6. This applies particularly to early orders and to expensive item orders.

The size (bulk) of bulb you purchase determines the amount of food with which you are starting to produce a given spike. Below is a table giving the cubic inch of food content of the various sizes, figured at a diameter average for the given size, i.e., half way between its maximum and minimum size:

No. 6, up to $\frac{1}{2}$ in., aver.	$\frac{3}{8}$.027 cu. in.
No. 5, $\frac{1}{2}$ to $\frac{3}{4}$ in., aver.	$\frac{5}{8}$.127 cu. in.
No. 4, $\frac{3}{4}$ to 1 in., aver.	$\frac{7}{8}$.350 cu. in.
No. 3, 1 to $1\frac{1}{4}$ in., aver.	$1\frac{1}{8}$.745 cu. in.
No. 2, $1\frac{1}{4}$ to $1\frac{1}{2}$ in., aver.	$1\frac{3}{8}$	1.361 cu. in.
No. 1, $1\frac{1}{2}$ up,	$1\frac{5}{8}$	2.247 cu. in.
2 in. up Jumbo,	$2\frac{1}{8}$	5.021 cu. in.

Note, curiously enough, that the big differences are between sizes No. 5 and No. 6 and between Number 1 and Jumbos which really average more than $2\frac{1}{8}$ inches. Normally, it is not until a bulb reaches large size that it loses its spherical form. A 3 in. Jumbo bulb may approximate a half sphere but such a bulb would contain 7.07 cu. in., about 5 times the food bulb of a No. 2 large bulb.

"Boy, do I thank you for the extras you sent. They were just what I wanted. Well, I ordered M bulbs but they look like L to me. I compared them to other growers' bulbs and they made them look sick (the other growers' bulbs)." 5-4-40. W. V. S., New Hope, Va.

YOUNG JUMBO BULBS

Yes, we have some but the proportion of young bulbs arriving to jumbo size was much reduced, in spite of very late digging. Pretty much throughout the country the 1940 growing season was uncommonly wet and short. On the whole, if you get young bulbs, top size No. 1, for "L" or "jumbo", whether from us or anyone else this year, you should be well satisfied. However, we do have considerable quantities of top size young No. 1 in quite a few stout growing varieties and these and what jumbos we have will go quite a long way to satisfy those who want the "heavies."

"While at the Customs last spring, one of the Customs men showed me some of your heavy, young jumbo bulbs. They were extra good bulbs and if your stock is all like those I want 50 each of the following 1 $\frac{1}{2}$ sorts" etc. 11-22-37. T. F., Winnipeg, Manitoba.

Sequel. "Made 7 entries at Minn. show, got 6 firsts, (3 were in "Court of Honor") and 1 second. Also collected 9 firsts, 6 seconds and 2 thirds here at Winnipeg, largely with your fine, heavy bulbs." 10-1-38. T. F., Winnipeg, Manitoba.

F. O. B. PURCHASES

In fact, whatever size bulbs you purchase, if you wish to have them sent transportation collect, we will be glad to add to the count on the varieties ordered to such an extent that the value of such extra count will safely exceed the transportation cost. We will not guarantee to match the count equivalent specifically offered in some F.O.B. catalog lists partly because we understand the quality of our own bulbs and partly because we are firmly entrenched with our idea that sample lots of varieties newer and/or better than those ordered are more beneficial to the buyer and we know the bulk of our customers like it. So, after the extra count mentioned is made, our generosity with extras will follow.

BARGAIN BULBS

A grower-cataloger of bulbs has certain inescapable costs: planting stock, use of land, its preparation, planting, cultivating, digging, hauling, curing, cleaning, grading, storage quarters, fumigating or other processes to combat insects and bulb diseases, advertising of one form or another, catalogs, postage, packing and shipping. There may be additional items of overhead such as clerical, irrigation, spraying, etc.

Bargain bulbs are made possible by skimping somewhere along the line, almost inevitably reflected in the quality of the flowers they produce.

"I really thought I had seen some fine looking bulbs before, but for weight, youth and cleanliness yours surpassed anything I ever hoped to see—without exaggeration." 4-21-'38. R.E.C., Mt. Royal, Que.

PRICES

We try to quote prices at once as low as those of other reputable gladiolus specialists, and yet take all known precautions to supply healthy and pest free bulbs.

For the most part we price L, M and S bulbs at the commonly asked prices for No. 2, 4 and 6 bulbs but we deliver, as long as our stocks last, mostly No. 1, 3 and 5, which gives you greater blooming value, particularly when buying the M and S sizes.

Cash orders entitle the buyer to instant segregation and protection of their stock until proper time for delivery.

Our practice of overcounting and/or inclusion of samples equal or superior to sorts purchased, and of oversizing the smaller sizes when stocks permit, never fails to more than equalize any price fluctuations that may develop. A grower is known by the customers he keeps.

"Received my order of bulbs in fine shape. Had expected some extras but was astonished and also pleased with extras, overcounts and oversize equal to my original order." 3-25-40. R. R. S., Hagerstown, Md.

"Just received the bulbs in good condition. Of course, I knew you would slip in some good extras, but not to the extent of more than double value of the order. I deeply appreciate your liberality and fine selections." 3-25-40. P. L. S., Melrose, Mass.

"The quality and size of the bulbs just received were even better than your guidebook had led me to expect and as for quantity, you sent me by actual count \$2.60 in bulbs for every dollar I had sent you. It has been a pleasure to deal with you and I thank you sincerely." 3-14-40. R. A. L., Winston-Salem, N. C.

WHOLESALE PRICES

Bulbs and bulblets priced only per each are mainly new and scarce sorts and not yet commonly priced lower than the dozen rate price at wholesale. On such items, where stocks permit, to legitimate commercial growers, we will add as much additional stock as circumstances warrant. Particularly liberal to catalogers. On stocks offered per 100, the newer sorts are as low as we can quote them, considering our quality bulbs and our like promise to be as liberal as circumstances warrant. The more common ones, offered per 1000 by many growers, unless you demand our quality bulbs under above terms, these you will please order elsewhere.

However, we are prepared to submit wholesale quotations to parties legitimately entitled to such on about 30 items in our list, mostly the new and rare varieties.

"This is the first time in my 15 years of commercial flower growing that I have ordered bulbs or seeds from a distributor and then sat down and thanked him for the stock sent. But this is the first time in 15 years that I have received four times the original order." 4-4-40. H. E. B., Elsmere, Del.

TERMS OF SALE

Cash with order.

Delivery prepaid in U. S. Gladiolus shipments in March and April, or soon as possible on orders arriving thereafter.

Replacement or refund purchase price any bulb, root, plant or seed that does not prove true to name or does not arrive in condition herein represented. Bulblet germination is not guaranteed.

No substitutions will be made.

Orders received until planting but subject to stock being unsold. To get proper propagation of new sorts, it does not pay us to hold for further sale bulbs and bits priced only per each beyond May 1st. Order early. Our selling season is very short.

Delivery prepaid to foreign countries in the Postal Union having the usual 14c per pound rate, provided war restrictions of one kind or another does not bar such delivery except that purchases at 100 rate prices should add at rate 50c per 100 for large bulbs and 20c per 100 for medium sized bulbs.

Notice to Canadian Customers: Presumably for the duration you will be unable to import bulbs. See following excerpt from Customs Division, Ottawa, dated December 5th, 1940. "Subject: Gladiolus Bulbs. Gentlemen: Gladiolus bulbs are covered by Item 78 and are prohibited importations on and after December 2nd, 1940." (signed by Commissioner of Customs).

Additional bulbs will be sent to purchasers south of Equator to offset any price reductions which may be in effect at time of receipt of order.

Foreign remittances may be made payable to our order direct or at Central National Bank of Cleveland, Ohio, by International Money Order or New York Bank Draft payable in U. S. dollars.

BULBS	Priced per each.
	12 sold at 10 rate.
	6 at 5 rate.
	25 at 100 rate.

Blts. Any Amount at Rate Offered.

"Thanks for replacement not due me. Now I am better off than if my bits had grown last year." 4-6-40. L. F. S., Royalton, Minn.

CASH DISCOUNTS

Cash discounts are applicable only to orders accompanied by cash in full.

Upon orders of \$5.00 up—10% but if received before Mar. 1st—20%

Upon orders of \$20.00 up—15% but if received before Mar. 1st—25%

Orders of \$25.00 up will receive free a \$2.00 society membership, choice of Canadian Gladiolus Society or New England Gladiolus Society—see page 47.

Heretofore, we have granted extra bulbs approximating the above cash discounts. However, we shall still continue, to some extent, to supply extras by overcount, oversizing or by varieties other than those ordered. (See space on order sheet to designate your wishes.) The reason for the March 1st time limit on the extra discount is this: For some years our orders have come piling in to a peak around the middle of the bulb delivery season, utterly swamping us and in some instances causing regrettable delay even on rush orders. Early orders permit a better spread of the delivery and office work. We must alter this situation, even if it costs us substantial money.

If your inquiry for catalog comes too late to get the special before — Mar. 1st discount, please do not ask for it as the reason for its existence has terminated. We send catalogs 2 years to inquirers, longer to customers of course, so you can be in plenty time another year.

These discounts do not apply to Wholesale Quotations or to current, 1940 Introductions, which are priced (as is common in the gladiolus industry) Net, or to Gladiolus Seed.

Our dozen and one-half dozen lot pricing (10 and 5 times each rate, respectively) is not applicable to current Introductions, except to commercial growers and catalogers, to whom this allowance constitutes a 16-2/3% discount.

OUR KEY SYSTEM A GREAT AID TO SELECTION

Varieties are grouped by color classification for your convenience of comparison and selection.

Varieties are critically described. Naturally, in a list such as this, consequential faults are few, nevertheless, attention is called to them. Show dates and references are to *first prizes* only. Room to mention but few. Symposium ratings refer only to those last published.

For eleven years our variety descriptions have been praised generously, for the accurate visualization of the size of individual floret, the number open at one time, the total bud length of the flower spike, the prominence of markings, etc., made possible by the use of stars, daggers and other hieroglyphics.

We will tell you the size florets to expect, a * indicating large florets 4½ to 5½ inches diameter, ** indicating 5½ to 6 inches and *** indicating extreme size 6 to 8 inches.

We explain the relative quantity of marking, + indicating with *obvious* markings, i.e., so evident as to arrest attention and — indicating without *obvious* marking.

We do not list varieties incapable of holding five florets open at one time. There are thousands of such varieties. We employ † to indicate many open (6-8) and ‡ to indicate an extreme number (9-16). If the total of open florets and buds make an unusually long spike, we indicate with a double dagger †† (15-18) and extreme ‡‡ (19-30).

We furnish the approximate blooming dates of varieties in this locality, checked to the best of our ability from experience of many years. Number after name indicates days from planting to blooming of large size bulb (L). Medium size (M) usually seven to ten days later. Dates not guaranteed since subject to change by excessive heat, moisture, drought, differing soil fertility and other conditions.

Abbreviations: L large bulb 1¼ in. up. M medium size bulb ¾-1¼. S small bulb ⅓-⅔. Blts. bulblets, Exh., Exhibition Type. Dec., Decorative Type. Sm. Dec., Small Decorative Type. A. G. S., American Gladiolus Society. Ohio, Ohio Gladiolus Society. Mah., Mahoning Gladiolus Society. C. G. S. (Canadian). B. G. S. (British). E. Bay (California G. S.). San Leandro (The largest flower show on western coast). A. M., Award of Merit. F. C. C., First Class Certificate. (Am), Amateur. Com., Commercial.

"The glad bulbs arrived in splendid shape. Thank you so much for the many extras and especially for the oversizing. I did not expect such generous treatment when I had taken advantage of the early order discount." 4-23-40. Mrs. H. H., Centerville, Ind.

"Rec'd order of glad bulbs Sat. O. K. Was more than pleased. I figure the overcount and extras around 90% discount." 4-23-40. M. A. B., Ellsworth, Me.

"Just had to write and thank you for the many extra glad bulbs you sent me—and some of your best ones, too. No one could appreciate them more than I because my love for glads is very large and my pocket-book very small and flat." 4-6-40. Mrs. L. P. K., Vandalia, Mo.

GROW SOME GLADIOLUS SEED

All glad fans should try some gladiolus seed. Most advanced amateurs already do attempt some hybridizing with their newest varieties or most favored colors. Gladiolus seed broadcast or planted thickly in close rows, covered about $\frac{3}{4}$ inch, kept on moist side and with at least partial shade, commonly produces bulbs $\frac{1}{2}$ to $\frac{3}{4}$ inches diameter the first crop. Most of these bloom the second year and selections may be made on color values, the bulb selected and its bulblets thereafter grown under number pending full performance from a large bulb.

All modern varieties were so produced, either from field collected or hand hybridized seed. Our seed offerings are genuinely hand hybridized. Literally hundreds watched us hybridizing our glads at the peak of our blooming season. Most of the pollen used was taken from protected florets opened indoors. Dr. Masek helped us again, as well. Our identification tags waved all over our field of "fancies" since, of most of the crosses listed, we hybridized an average of four pods.

No two seeds, even from the same cross and pod, produce flowers just alike, though they are likely to favor parent characteristics.

With about the most exclusive collection of "world beaters" to be found in the U. S., we have excellent opportunity to produce intriguing crosses, which in turn should rather consistently produce some seedlings above the average run of good standard varieties in each color class. They do for us. They should for you. The only trouble is that we are as likely as not to part with some outstanding sorts worthy of introduction as a named variety. That may be your luck. If you grow such from our seed we should like first opportunity to introduce them for you.

It might be advisable to let you know that it is the custom in the gladiolus industry that the person who grows and segregates the seedling bulb is given the credit of being the "originator" of the variety if it is named and introduced—not necessarily the person who made the actual cross. If a lot of new "originators" do not appear in four to five years as the net result of our offering these select crosses we will be greatly surprised.

A considerable number of large bulbs of expensive new varieties are purchased at their current high prices principally with view of doing a little hybridizing. An average illustration might be thus: Mr. X pays \$2 for a bulb of Stella A. and \$1 for a King of Hearts. He figures these varieties may produce some outstanding pinks. (Likely, they should.) He has \$3 invested (often more) and now he must scheme his planting to bring them into bloom on the same day for crossing purposes. About ten to one he fails and has to satisfy himself with crosses with some other varieties then blooming. He could fail next year, too. If he does not fail he has lost a year in his effort to secure seed. Whereas, from our seed list he could have secured 10 seeds, each carefully fingered for plumpness, of above named cross for a total of but 40 cents, all hazards of production removed. Further, from our list seed may be had of some varieties that are not yet released for sale and unavailable to non-importers at any price.

Try your luck and skill in selection of parents. Depending on stocks available we will try to be very liberal.

How to order. Please do not ask for more than 10 to 20 seeds of a given cross. Seed prices are Net, no discounts. Canadian and other foreign customers do not need to secure a permit to import seeds. The seed bearing parent is the first variety listed.

GROUP A. SEEDS 2c EACH

Algonquin x Aladdin
 Beacon x Miss New Zealand
 Beacon x Rima
 Greta Garbo x Aladdin
 Greta Garbo x Amberglow
 Greta Garbo x Annamae
 Greta Garbo x Chief Multnomah
 Greta Garbo x Frostpink
 Greta Garbo x Merry Widow
 Greta Garbo x Zuni
 Harmau x Algonquin
 Harmau x Chamouny
 Harmau x Lucifer
 Harmau x Midnight Red
 Jersey Cream x Sir Galahad
 Midnight Red x Master Myron
 Miss New Zealand x Greta Garbo
 Rosa van Lima x Vagabond Prince
 Shirley Temple x Walk Over
 Vagabond Prince x Miss New Zealand

GROUP B. SEEDS 3c EACH

73619 (big pink) x Hindenburg's Memory
 Annamae x Gorgeous Glad
 Annamae x Southport
 Bobby Dazzler (Both) x Spitfire (83553)
 Bobby Dazzler x Greta Garbo
 Bobby Dazzler x Stella Antisdale
 California x Aladdin
 Colossus x Stella Antisdale
 Chamouny x June Bride
 Dazzler x Grand Opera
 Dazzler x Helen of Troy
 Dazzler x June Bride
 Dazzler x Stella Antisdale
 Festival Queen x Spitfire
 Frostpink x Margaret Beaton
 Glamis x Bobby Dazzler
 Grand Opera x Miss New Zealand

GROUP B. SEEDS 3c EACH—Cont.

Greta Garbo x Gypsy Lass
 Greta Garbo x Mrs. Mark's Memory
 Greta Garbo x Peggy Lou
 Greta Garbo x Tunia's Triumph
 Gypsy Lass x Greta Garbo
 Harry Periam x Dazzler
 Margaret Beaton x 6297 (giant purple)
 Margaret Beaton x Harmau
 Resolution x Greta Garbo
 Rosa van Lima x Crystal
 Shirley Temple x Spitfire
 Silentium x Aladdin
 Spitfire x Bobby Dazzler
 Spitfire x Aladdin
 Spitfire x Margaret Beaton
 Spitfire x Rosa van Lima
 Stella Antisdale x Black Opal
 Stella Antisdale x Leona
 Walk Over x Margaret Beaton
 Walk Over x Shirley Temple

GROUP C. SEEDS 4c EACH

73619 x King of Hearts
 Annamae x K & M's Triumph
 Crystal x Hindenburg's Memory
 Crystal x Merry Widow
 Crystal x Rosa van Lima
 Diane x Spitfire
 Festival Queen x Greta Garbo
 Frostpink x Hindenburg's Memory
 Golden Galleon x Margaret Beaton
 Gorgeous Glad x K & M's Triumph
 Grand Opera x Dazzler
 Grand Opera x Frostpink
 Grand Opera x Margaret Beaton
 Grand Opera x Merry Widow
 Greta Garbo x Hindenburg's Memory
 Greta Garbo x Stella Antisdale
 Greta Garbo x Treasury Gold
 Gypsy Lass x Crystal
 Gypsy Lass x Pfitzer's Success
 Gypsy Lass x Stella Antisdale
 Harmau x Winall
 Merry Widow x New Zealand Splendor
 Mrs Mark's Memory x Margaret Beaton
 Mrs. Mark's Memory x Resolution
 Myrna x Chamouny
 Rosa van Lima x Stella Antisdale
 Rosemarie Pfitzer x Hindenburg's Memory
 Rosemarie Pfitzer x Stella Antisdale
 Shirley Temple x Greta Garbo
 Silentium x Frostpink
 Spitfire x Greta Garbo
 Spitfire x Stella Antisdale
 Stella Antisdale x Aladdin
 Stella Antisdale x Greta Garbo
 Stella Antisdale x King of Hearts
 Stella Antisdale x Merry Widow
 Winall x Annamae
 Winall x Greta Garbo

GROUP D. SEEDS 5c EACH

1578 (Wilson) big yellow x Aladdin
 Crystal x 73619 big pink
 Crystal x Golden Galleon
 Crystal x Greta Garbo
 Crystal x King of Hearts
 Crystal x Leona
 Dazzler x Greta Garbo
 Dazzler x Hindenburg's Memory
 Dazzler x Merry Widow
 Frostpink x Dazzler
 Glamis x Dazzler
 Glamis x Gypsy Lass
 Golden Galleon x King of Hearts
 Grand Opera x Algonquin
 Grand Opera x Aladdin
 Greta Garbo x Dazzler
 Greta Garbo x Glamis
 Greta Garbo x King of Hearts
 Harmau x Greta Garbo
 Harmau x Lord Selkirk
 Helen of Troy x Dazzler
 Helen of Troy x Harmau
 Helen of Troy x Tunia's Triumph
 Hurricane (73555) x Dazzler
 King of Hearts x Greta Garbo
 Mrs. Mark's Memory x R. B.
 Mrs. Mark's Memory x Tunia's Triumph
 R. B. x Dazzler
 Rodney x New Zealand Splendor
 Rosa van Lima x Dazzler
 Shirley Temple x Dazzler
 Silentium x Greta Garbo
 Silentium x Merry Widow
 Silentium x Stella Antisdale
 Silentium x Treasury Gold
 Sir Galahad x Rosa van Lima
 St. Edward x Greta Garbo
 St. Edward x Shirley Temple

"I only ordered seeds of seven crosses and received thirteen, just about double my order." 3-21-40. A. J. D. L., Toronto, Ont.

"The gladiolus seed reached me safely, in perfect condition and I want to thank you for your liberal count and generous extras." 3-25-40. M. C., Weston, Toronto, Ont.

"A cross from you, Rosemarie x Tunia's Blue has produced a beautiful deep purple, practically without markings. Well—just to let you know it shivers my timbers." 8-2-40. A. C., Cortland, N. Y.

"While in Customs getting the lot of bulbs from you I met our Canadian Inspector and he told me that the lot I was in for (your shipment) was as fine a lot as he had ever examined and every corm a perfect one in being absolutely free from defect, thrips or disease of any kind. That was getting real value for my money, particularly in view of the fact that your overcount and extras more than made up for the exchange, duty and express incurred." 5-26-40. J. W. McL., Ottawa Ont.

INDEX OF VARIETIES TO COLOR CLASS

- Aladdin, Light Salmon
 Algonquin, Scarlet
 Allegro, Light Violet
 Amazu, Light Salmon
 Amberglow, Yellow
 Amulet, Buff
- Bagdad, Smoky
 Beacon, Scarlet and Light Red
 Bit o' Heaven, Orange
 Black Opal, Deep Red
 Blue Admiral, Dark Violet
 Blue Beauty, Light Violet
 Blue Wonder, Light Violet
- Claifornia, Deep Pink
 Camellia, Light Pink
 Candyheart, Light Pink
 Chamouy, Light Rose
 Charles Dickens, Purple
 Chief Multnomah, Smoky
 Col. Wm. Light, Orange
 Commander Koehl, Red
 Coutts' Orchid, Light Rose
 Crystal, White
- Dazzler, Orange
 Diane, Orange
 Donna, Buff
 Dox, Yellow
 Dr. A. J. Verhage, Scarlet
 Dr. Dentz, Light Rose
- Excell, Light Rose
 Exquisite, Light Rose
- Festival Queen, Light Rose
 Frank J. McCoy, Deep Pink
 Frostpink ornatus, Deep Pink
- Gertrude Swenson, Lavender
 Glamis, Light Rose
 Golden Galleon, Yellow
 Golden Goddess, Yellow
 Grand Opera, Light Pink
 Greta Garbo, Light Pink
- H. B. Pitt, Salmon
 Harmau, Deep Rose
 Heiligtum, White
 Helen of Troy, Buff
 Herbstfreude, Purple
 Highland Chief, Lavender
 Hindenburg's Memory, Red
- Isola Bella, Lavender
 Janet Pursell, Salmon
 Jersey Cream, Cream
 Jim Holland, Yellow
 Joh. S. Bach, Orange
 Josef Haydn, Light Violet
 Jules Amott, Red
 June Bride, White
- K & M'S Triumph, Light Salmon
 King Arthur, Lavender
 King Click, Scarlet
 King of Hearts, Salmon
- La Fiesta, Orange
 Lavender Ruffles, Lavender
 Leona, Deep Rose
 Lord Selkirk, White
 Louis D'Or, Yellow
 Lucifer, Scarlet
- Maid of Orleans, White
 Margaret Beaton, White
 Mary Elizabeth, Cream
 Matterhorn, White
 Merry Widow, Light Pink
 Midnight Red, Deep Red
 Minuet, Lavender
 Miss America, Light Pink
 Miss New Zealand, Salmon
 Misty Dawn, Smoky
 Moorish King, Deep Red
 Mother Machree, Smoky
 Mr. C. P. Van Tienhoven, Sc. &
 Lt. Red
 Mrs. C. P. Worley, Sc. & Lt. Red
 Mrs. Mark's Memory, Purple
 Myrna, White
- New Zealand Splendor, Light Pink
- Oeganda, Deep Red
 Old Gold, Orange
 Orange Butterfly, Orange
- Pacemaker, Light Pink
 Paradise, Buff
 Peggy Lou, Deep Pink
 Pelegrina, Dark Violet
 Picardy, Light Salmon
 Pink Selection, Deep Pink
 Pinocchio, Orange
 Polar Ice, White
 Purple Beauty, Purple
- R. B., Smoky
 Ramesses, Purple
 Raysheen, Light Violet
 Red Charm, Red
 Red Lory, Deep Rose
 Rewi Fallu, Red
 Rima, Light Rose
 Rodney, Scarlet
 Rosa Van Lima, Light Rose
 Rosalie, Deep Blue
 RosemariePfizer, Light Pink
 Rudolf Serkin, Dark Violet
- Shirley Temple, Cream
 Silentium, White
 Sir Galahad, Yellow
 Southport, Light Rose
 St. Edward, Scarlet and Light Red
 Stapleford, Purple
 Star of Bethlehem, White
 Stella Antisdale, Light Pink
 Sub Deb, White
 Summerwealth, Deep Pink
- Takina, Purple
 Treasury Gold, Orange
 Tunia's Blue, Dark Violet
 Tunia's Triumph, Scarlet
- Vagabond Prince, Smoky
 Vela, Scarlet and Light Red
- Walk-Over, Red
 Winall, Light Violet
- Zuni, Smoky





BASKET OF PFITZER VARIETIES

LAVENDER

GERTRUDE SWENSON 98 —††† Exh.
An unusual color. Might be called a mauve shaded lavender, feathered white and a white throat. 12 to 15 four inch or larger florets open at once are commonly obtainable. Tall spikes, long flowerheads. Wiping out the record for a fresh start. Most open, Pac. N. W., section champion at 3 Iowa shows and at Minn., also grand champion at N. E. Mich. (1sts at 5 other shows), all '40. Each L \$.10 M .06 S .03 Blts (100, .20).

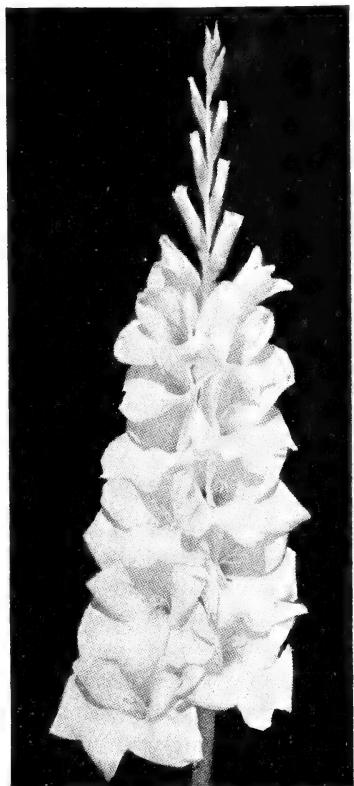
HIGHLAND CHIEF (Mair-Barber) 90 **—†† Exh. Depth of lavender approaching that of King Arthur. Makes immense exhibition spikes with up to ten very large, round, nicely waved florets open at one time. Often has a few small extra petals at center. We broke the ice for it, securing blue ribbon at Mich., '39. Each L \$.35 M .20 S .10 Blts .03)

ISOLA BELLA 92 *—†† Exh. Both bud and flower cattleya pink with a soft lilac hue. 8-10 open on tall strong spike. A.M., Haarlem. B.G.S., '37. We registered the first win in U. S. at Ohio, '38 with 3 very fine spikes which attracted much admiration. Winnipeg, '39. Calgary, Conn., C. G. S., and section champ Wisc., all '40. L.10 M .07 S .03 Blts (100, .40)

KING ARTHUR 85 **—‡ Dec. Very deep toned lavender. Only 4-5 open at one time. Has large, ruffled florets with crease thru center of each petal. Bloom form and color much admired by many. Utah, Grants Pass and N. E. G. S., '39. Utah, Iowa and E. Bay, '40. L.06 (100,4.00) Blts (100, .20)

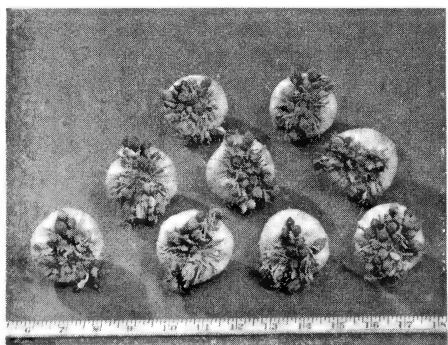
LAVENDER RUFFLES (Wilson) 69 *—†† Dec. Com. Delicate lavender, cream throat lightly peppered lavender. Ruffled. Petals slightly recurved. 4½-5 in. florets, 5-6 open, 19 buds. Tall. Blooms readily from blts. Entered as an Exh. variety it won over Minuet both at Wellsville and at Ohio, '39. We would not classify it as Exh. At Wellsville it also won the award "Most Beautiful Bloom in the Show." Firsts, 2 at Westport, Conn., 4 at Algona, 2 at Wellsville, O., Conn., 3 at Ohio, two of them our 3 spike and arrangement, also our 3 spike at Mich., all '40. L .30 (100, \$20) M .20 (100, \$13.25), S.10 (100, \$6.75) Blts .02 (100, \$.1.)

MINUET 98 *—††† Exh. Clear, blue cast lavender. One of Ohio's outstanding originations. 2nd best glad, all colors in latest N. E. G. S. and 4th in C. G. S. symposiums and tops the list in both in its color class. Wiping the slate for a fresh record. Firsts at E. Bay, E. S. G. S., C. G. S., Grants Pass, Ind., Hamilton Dist., Mich., Md., Ohio, Pa., Utah, and Wash., all '40. L .06 (100, 4.00)



CRYSTAL

Pure White . . 7 inch Florets.
11-15 Open. New Champion



CRYSTAL
(grown from No. 5 bulbs)

WHITE

CRYSTAL (E. Both) 75 *—††† Exh.** and Commercial giant of giants. Pure white without any marking. Florets $6\frac{1}{2}$ - $7\frac{1}{2}$ inches. 11-16 open (has held several more). Florets open wide and flat, have heavy substance and open up the stem very quickly. Stem is exceptionally wiry and strong. Foliage is abundant and very wide. Makes exceptionally fine looking bulbs and a fairly good quantity of large bulblets that germinate easily and grow well. Not a good bloomer from the smaller sizes but makes up for that plenty from large bulbs, be they young, old or even old divisions. We understand some crosses between Crystal and Tunia's Triumph are producing some wonderful pinks. 12 spikes variously entered at So. Australia G.S. Nov., '37, won in 3 Best White Seedlings, in 6 Best Spikes in the Show (each different), in Best 6 Seedlings, one was Grand Champion Seedling, another was Grand Champion Bloom of the Show. Still another was runner up or Reserve Champion. The Grand Champion spike scored 90, which, we understand, is the highest rating ever given a Grand Champion in any Australian Glad. show. See illustration of spike of Crystal and another of bulbs of Crystal with bulblets average production from number 5 bulbs. Our 1st, Ohio, our blue ribbon also at Mich. and blooms from our bulbs growing at the British Test Gardens won the B.G.S. Award of Merit, all '39. Ohio, Mich., S. E. Mich., and Pa., all '40. Each L .75 M .50 S .25 Blts .05

"The Crystal bulb I got from you in the spring did fine for me, giving me 16 florets all well open, the first one measuring 6 inches across. I made 5 crosses on it getting big, plump seeds. Also about 60 blts." 11-26-40. J. W. B., Newmarket, Ont.

HEILIGTUM 85 **—†† Exh. Alabaster white with greenish throat. Florets of fine form and large size. 7-9 open, 20 buds, tall, strong spike. A.M. Haarlem. Another new Pfitzer variety. The variety will hold more open than shown, when grown from large bulbs. See illustration. B.G.S., '36. We are first to win with it here, Ohio, '38. L .15 M .07 Blts (100,.50)

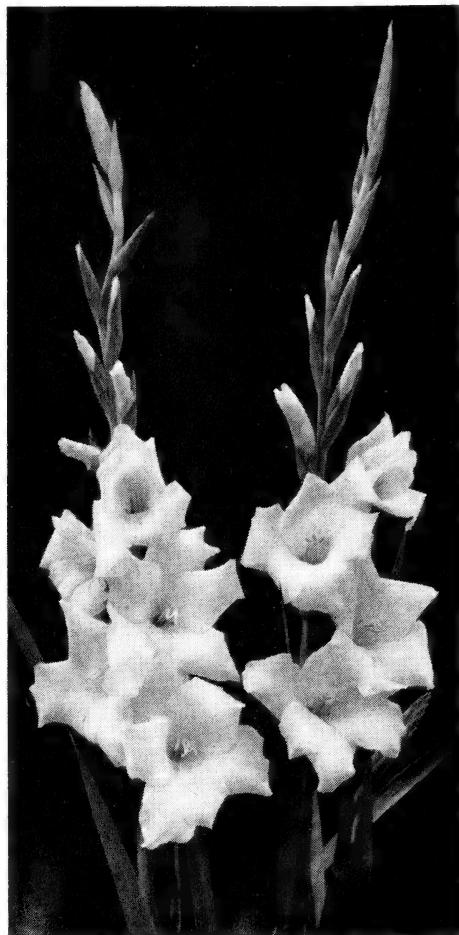
Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.
Blts any amount at rate offered. Delivered Prepaid in U. S.

JUNE BRIDE (Salbach) 90 ***+†‡ Exh. Com. Patented. Has not only immense florets, 6-7 inches, 6 open, 18 buds but also a tremendously long flowerhead in the neighborhood of that of Peggy Lou, 30 inches. Color is creamy white with a soft red blotch, almost pink. Good placement and facing, excellent cut flower habits. 60-66 inches tall (half of it flowerhead!) Patent restrictions are same as specified in description of Golden Goddess. E. Bay, '39. Our 1st, S. E. Mich., '40. L each \$1. (3 for 2.00) (12 for 6.00) M ea. 50c (3 for 1.00) (12 for 3.00). See patent collection prices at end of variety list. Net prices, no discounts.

LORD SELKIRK (Twomey) 94 *—††† Exh. Com. Clear milk white with unmarked creamy white throat. Makes a tall, strong plant, blooming well from medium size bulbs. 4½-5 inch florets, 11 or more open, about 25 buds. Propagation fair only, with us, A.M., Winnipeg, '38 and Metro., '39. F.C.C., Mass. Hort. Soc., N.E.G.S. and Minn., '38. Four firsts, C.G.S. and Grand Champion, Minn., '39. 4 firsts and grand champion at Winnipeg, '40. Each L \$2.50 M 1.50 S 1.00, Blts .25

MAID OF ORLEANS 84 *—†‡ Dec. Milky white, light cream throat. First class cut flower habits. A.M., British G.S., F.C.C., Haarlem. Dependable sort, of which you cannot grow too much. Only Picardy and Minuet leads it in the N.E.G.S. Symposium but it is at the top in its color class. Five Awards of Merit abroad. Grand Champion, Mah., '36. Sectional champ frequently. Ohio, Wellsville, Utah, Md., E. Bay and section champ at Yakima, '39. 12 firsts in shows we are reporting, '40. L .06 (100, 4.00) Blts (100.15)

MARGARET BEATON (Twomey) 94 **+†‡ Exh. Com. Ivory white with small orange scarlet blotch. Tall, well formed spike with fine cut flower habits. 6-9 open 5½-6 inch florets. One of the most beautiful blotched varieties to be had. Certain to become very popular. Grants Pass, Wisc., Snohomish Co. G.S., "Most Beautiful Bloom in the Snow", Metro. and 10th in the Ohio Symposium, all '39. 12 firsts in various shows and grand champion at E. N. Y. (Rhinebeck) and Ind., '40. Number 6 in new C. G. S. symposium and heads its color section there. L .40 M .30 S .20 Blts .03



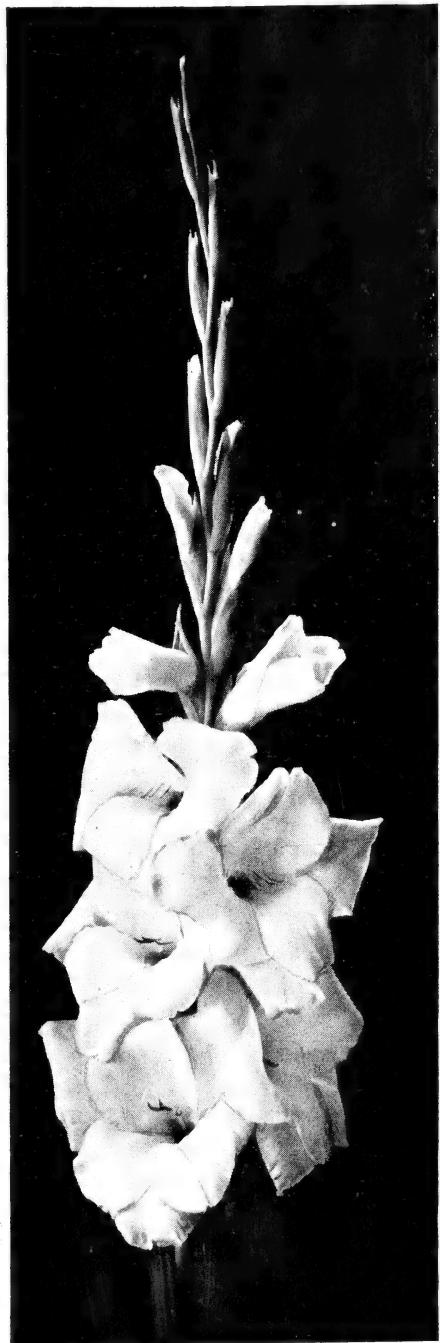
HEILIGTUM

MATTERHORN 94 ***—†‡ Exh. Pure white, slight cream in throat. Buds have a greenish cast. This variety sounds the knell for Mammoth White, for it has similar round florets of about same or larger size, a bit closer to pure white, flowerheads as big, substance and strength of spike beyond comparison. Good propagator and has every cut flower quality we can think of. A Pfizer variety. A. M., Haarlem, '35. B. G. S., 1936. We register the first win in U. S. at Ind., '38. 1st Ohio and Sec. champ at Wellsville, O., '40. Each L .40 M .25 Blts .03

"My Matterhorn was outstanding even from a small bulb, It took 147 days to bloom." 2-7-39. K. H., Spencerville, Ind.

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.

Blts any amount at rate offered. Delivered Prepaid in U. S.



STAR OF BETHLEHEM

MYRNA (Pruitt) 76 **—††‡ Exh. Com. Ivory white. Ruffled. About half way between Maid of Orleans and Mary Elizabeth, its parents but larger florets and 7-10 open. We had one spike open 11 in the field. Appears to have cut flower habits. Our blue ribbon at Mich., Grand Champion at Md. and A.M. (Test Gardens) B.G.S., all '39. Firsts at 8 shows and Sec. champ at W. Va., grand champ at both Susquehanna G. S., and E. N. Y. (world's fair), all '40. Now heads the list as best glad all colors, and, of course, tops its color section in the new C. G. S. symposium. Each L .75 (12 for \$6.) M .50 (12 for \$4.20) S .25 (12 for \$2.) Blts (100, \$5.00)

POLAR ICE 70 *—†‡ Dec. Pure White. Extraordinary forcing qualities. Our best "basket other than floor," Ohio, '35. We displayed two black vases, 12 spikes each, from number 4 M bulbs bloomed in 60 days at A.G.S., '35, winning also for us in Dec. spike class, A.G.S., '35. (Am) C.G.S., '36. B.G.S., '37. Our 1st, Ind., '38. Utah and Grants Pass, '39. Utah and Sec. champ, Pa., '40. L .06 (100, 4.50) M .04 (100, 2.75) Blts (100, .25)

SILENTIUM (Pfizer) 80 *+††‡ Exh. Com. A striking and elegant white glad, blending to a cream center containing a small carmine marking. Slender stems, excellent placement with regularity, grand cut flower habits, fine blooms from the smaller sized bulbs and a good propagator. Surely headed for world wide fame as a cut flower. We broke the ice for it in U. S. with 2 firsts at S. E. Mich., '40. Ea. L \$2.00 M 1.20 S .60, Blts .20.

STAR OF BETHLEHEM 80 ***—††‡ Exh. Pure snow white with tinge of cream in throat. 6-8 enormous florets open at once, loosely but well arranged on very long, wiry stems. Such size and earliness uncommon in any color. Washing out our long list of awards and starting anew: Ohio, C.G.S., N.E.G.S., E.S.G.S., Utah and E. Bay. Also section champion at Iowa and same for us at Md., all '39. Calgary, C.G.S., Grants Pass, Hamilton Dist., Iowa, Md., Sec. champ, Wash., all '40. L .07 (100, 5.00) M .04 (100, 3.25) Blts (100, .25)

"The "Star of Bethlehem," which you sent me complimentary, had the most beautiful spike I ever saw in a white "glad." Eleven florets open; the lower ones seven inches across and the upper ones four and a half, and in perfect placement and tapering beautifully." 7-6-'37.. Prof. E. M. S., Sacramento, Calif.

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.
Blts any amount at rate offered. Delivered Prepaid in U. S.

SUB DEB (Evans) (62922) Sm. Dec. Commercial. 65 days. White without marking. Much whiter than the variety White Butterfly, possibly taller and more open, as well. Small florets, 2-3 inches, slightly hooded, well spaced, 5-8 open, limber but wiry stem. Easy grower, fast propagator, blooms exceptionally well from smaller sizes. Considerable show background already. Ohio, '34, '35, '36. A.G.S., '35, '36. Md. G.S. Trial Grounds '37 "Vote of commendation", coupled with language "This seedling is recommended as an improvement on other available small decorative white varieties." At Ohio, '38 it won in Sm. Dec. 1 spike, 3 spike and basket classes. Our 1st and A.M., Ohio and A.M. (Test Garden) British Glad. Soc., '39. 2 firsts at Pa., our 1st, Ohio and our Sec. champ, Mich., '40. L .15 M .10, S .05 Blts (100, .50)

CREAM

JERSEY CREAM (Evans) 78 *—†† Dec. Aptly named. Smooth, rich, deep cream. The only deep cream with perfect cut flower habits. Florets average 5 inches, 8 or more open, 16-18 bud, 50 inches tall. Good propagator and makes exceptionally fine blooms from M and S bulbs. Substance excellent. Cut flower blooms well to the tip. These traits, coupled with the unusual color value and beautifully decorative form make the florists' dream of a clear, deep cream, usable in all stages of bulb growth, come true. In several years of growing we have been unable to discover any faults to mar this wonderful record. Fine reports from far and wide. Wisc. '37, Blue Ridge, '38. Our 1st at both Ohio and Ind., '38, Wisc. and our blue ribbon, Mich., '39. Iowa, Mich, Ohio and Wash., '40. L .07 (100, 4.50) M .04 (100, 3.00) S .02 (100, 1.25) Blts (100, .20)

"Your Jersey Cream held up under withering heat last year and all others from your stock did excellently again. Have bought stock from nearly all glad raising districts but I honestly consider your stock superior in health and vitality to any I have received. You must have all the range of "vitamins" in your soil or somethin' as they say." 2-6-40. Prof. E. M. S., Sacramento, Calif.

"Jersey Cream. Bloomed 87 days, 49 inches tall, straight, 16 bud, 7 open, 4½ inch florets, facing excellent, spacing and texture same. Type both Com'l. Exh. and Dec. Healthy foliage. Color, rich cream." 10-1-37. Legion Trial Grounds, Spring Green, Wis.

"Jersey Cream. This attractive variety of the decorative type produced 48 inch spikes carrying 15 buds on 18 inch flowerheads with five 4 inch florets open in the field. Spikes were straight and strong and placement good. Color, cream, without markings, and the florets have very good substance. Bloomed 76 days. Awarded Vote of Commendation." 10-7-37. Maryland Gladiolus Soc. (Trial Grounds Report)

"Jersey Cream attracted a lot of attention in the trial ground and in Haver de Grace, where several of our members grew it. It looks to me to be about the best of the cream decorative varieties." 10-7-'37. H. V. W., Edgewood, Md.

"All my bubbles of Jersey Cream bloomed." 2-23-'37. J. A. F., Atlanta, Ga.

"Very pleased with your Jersey Cream. Must have a stock now for cut flowers—and any extras, please, in Jersey Cream." 4-25-'38. V.C.F., Fremont, Nebr.

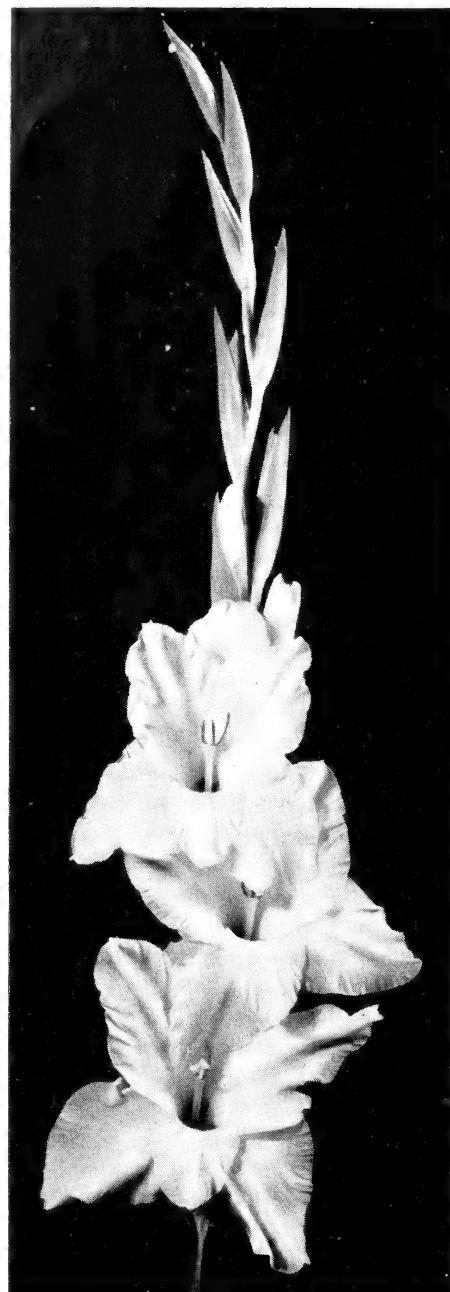
"Think that Jersey Cream of yours is a peach. Bullets with me grow better than any variety I have ever grown, and those florists fortunate enough to see it, all clamored for some when available." 11-17-'38. G.S.—the largest wholesale grower in the Chicago area.

MARY ELIZABETH 105 *—†† Dec. Pure, opaque white with strong, rich, creamy yellow throat. Beautifully ruffled. Thick, waxy substance. One of the most beautiful of all Decoratives. Ideal cutting habits. For years we have been praising and recommending this variety for all purposes. Now reasonably priced. "Most Beautiful bloom in the show" award, C. G. S. and Sec. champ Ill. and Wisc., '38. We record firsts in 6 shows in each of '39 and '40, with repeats in Ohio and E. S. G. S. L .06(100,4.00) M .04(100,2.75) Blts (100,20)

SHIRLEY TEMPLE 100 ***—†† Exh. Light cream, approaching white. Vivid throat mark of rich cream. Florets creased and ruffled, leathery texture, averaging larger than Picardy and blooms from bulletts have measured over 6½ inches. 6-8 open, 18 to 20 bud, 5-6 ft. tall, well foliated, excellent propagator, blooms out remarkably when cut. If you plan to bloom out on the plant spikes from large bulbs in hottest weather, we suggest staking to play safe. Slate cleared for latest records. 1sts Grants Pass, Ill., Iowa, Wash., Wellsville, O. and our 1st, Ohio and Sec. champ Cedar Rapids, all '40. Rates No. 8 in N. E. G. S. symposium and tops its color class. L .07 (100,4.50) M .04(100,3.00) S .02 (100,1.50) Blts (100, .30)

"On previous experience I anticipated overly generous counts and a great number of samples of new varieties, nor was I disappointed. And I really did not expect you to send any of that expensive variety when I suggested it in my list." 4-9-40. H. T., Columbus, Ohio.

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.
Blts any amount at rate offered. Delivered Prepaid in U. S.



SHIRLEY TEMPLE
($6\frac{1}{2}$ " florets. Bloom from bulbet)

BUFF

AMULET 93 *—†† Dec. Clear capucine orange buff. Heavily ruffled. Has a peachy tone not found in Wasaga. Both Amrita and Amulet are Picardy X Wasaga crosses, probably from the same pod. We feel certain that Amulet is the more desirable of the two. A.M., C.G.S., '36, A.M. Metro., '37. Ill., Wash. and sec. champ E. N. Y., '40. L.50 M.30 S.20 Blts: (100,2.00)

DONNA (Pruitt) 70—†† Dec. Com. Golden buff, well ruffled. Color much as Wasaga but much stretchier spikes, taller, with more open. Earliness, good growing habits and free bloom from small sizes warrant your serious consideration. We broke the ice for this new one, winning at S. E. Mich., '40. L.50 M.40 S.30 Blts .05

HELEN OF TROY (Salbach) 88 ***+†† Exh. Patented. Larger than Miss America and almost as large as King of Hearts. A beautiful apricot not far from the golden buff of Wasaga with slight shadings of pink and a sort of brownish blotch. Florets wide open, consistently $6\frac{1}{2}$ -8 inches diameter, 6-8 open, 19 buds, 27 inch flowerhead, close to 60 inches tall. Always straight. This variety is going to win some grand championships as soon as it gets around to the shows. Patent restrictions same as specified in description of Golden Goddess. Wellsville, O., both shows, E.N.Y., our sec. champ Mich., largest floret and grand champion Grants Pass, all '40. See patent collection prices at end of variety list. L ea. \$1.00, 3—2.00, 12—6.00 M ea. \$.50, 3—1.00, 12—3.00. Net prices, no discounts.

PARADISE 92 *—†† Dec. Another fine gladiolus from Mr. Pruitt. Apricot buff shading to yellow in throat, touched with minute red hair lines. Vigorous grower, making fine, long spikes. Good Commercial. Latest records: E. Bay, E.S.G.S., Iowa, Marion Co., Mich., S.E. Mich., Utah, Wash. and longest spike, Wellsville, O., all '40. L.06(100,4.00) M .04 (100,2.40) S.02 (100,1.25) Blts (100,.15)

"The seeds I bought from you germinated very well and I have a good supply of bulbs that will keep my interest at a high pitch." 12-1-'39. L.W.C., River-ton, N. J.

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.
Blts any amount at rate offered. Delivered Prepaid in U. S.

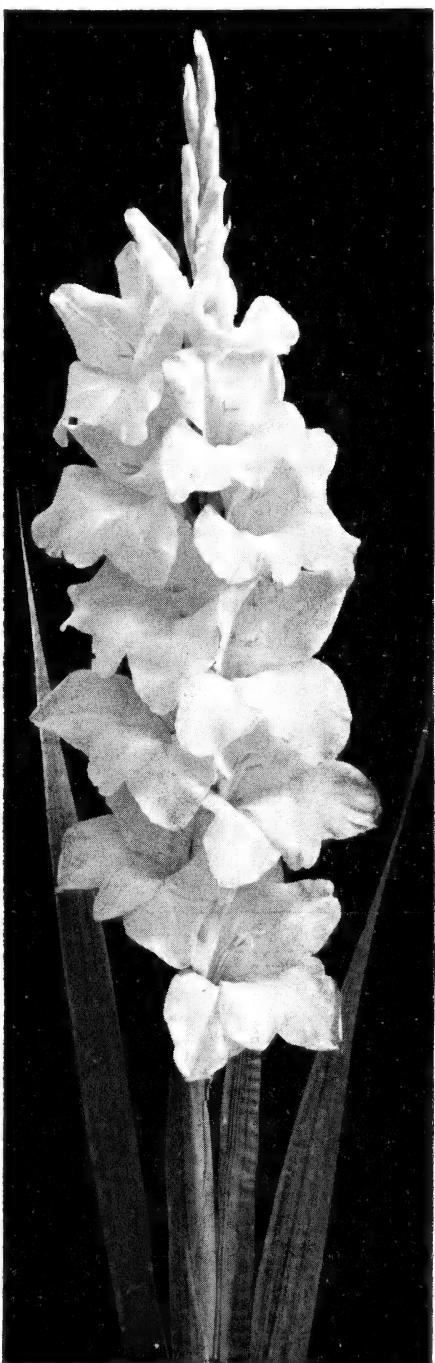
LIGHT PINK

CAMELLIA 90 *+††† Dec. We have grown about every white with red blotch offered in the last ten years, hoping to find one we were willing to catalog. Clean, pink toned white, with a rather small, vivid orange scarlet blotch on a cream ground. Appears to have commercial qualities. 5 inch florets, 6-7 open, about 20 buds, spikes tall and straight. Good propagator. Grants Pass, E.N.Y.G.S., Snohomish Co., and A.M. (T.G.) B.G.S., '39. Ill., Me. and E.S.G.S., '40. Heads its color class, C.G.S. symposium. L.10(100, 7.00) M.07 (100,5.00) S.04(100,3.00) Blts (100,.20)

CANDYHEART (Salbach) 90 ***+†‡ Exh. Com. Soft, clear flesh pink, blotted light carmine. Florets winged type, wide, 6 in. or more dia., 6 open, 17-18 buds. Good placement, tall, vigorous plant of good cut flower habits. Rapid increaser. Best seedling at E. B., '37. Cedar Rapids, '40. L.30 M.20 S.10 Blts (100, \$1.00)

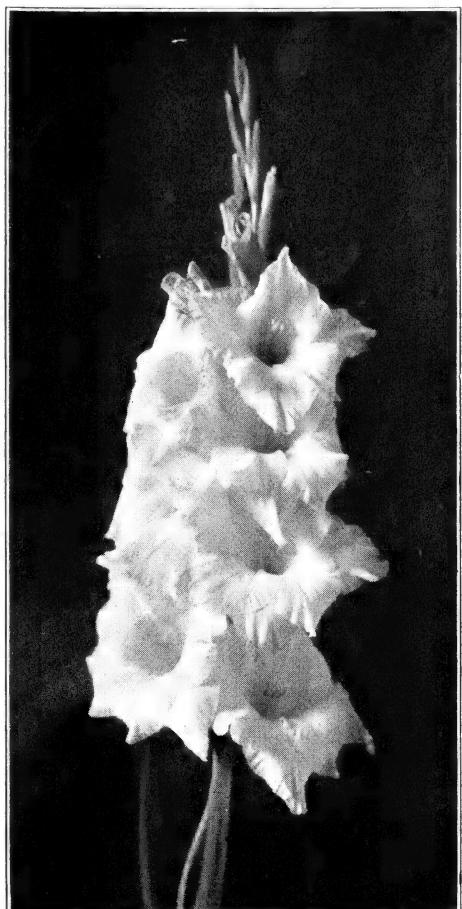
GRAND OPERA (Salbach) 93 ***—†‡ Exh. Patented. Giant florets up to 8½ inches. 5-6 open, 16-18 buds, up to 6 ft. tall. Color is soft but clear light pink about R6 on Fischer Color Chart. Slight red feathering in throat. Very stunning. Excellent hybridizing agent. Patent restrictions are same as specified in description of Golden Goddess. Mich., '40. See patent collection prices at end of variety list. L ea. \$1.00, 3—2.00, 12—6.00; M ea. \$.50, 3—1.00, 12—3.00. Net prices, no discounts.

GRETA GARBO (Pfitzer) 86 *—†††† Exh. Com. Surely this gladiolus rates inside the best ten extant. But a matter of time and it will be near the top of all symposiums. The color is soft, a very light rose pink, so light we classify it light pink. Cream on lip petal. Buds are salmon rose. Opens 6-9 finely placed, well expanded, perfectly formed flowers on a tall, slender but strong stem. Healthy grower, rapid propagator, ideal cut flower habits. Both A.M. and F.C.C. at Amsterdam, Haarlem and B.G.S., a stunning record. Metro. and our blue ribbon at Mich., '39. C.G.S., 3 firsts E.N.Y. (World's Fair), our 1st Mich. and also at S.E. Mich. where it would have been an easy grand champion but for some faulty placement near top of spike. L.80 M.50 S.30 Blts .05.



PACEMAKER

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.
Blts any amount at rate offered. Delivered Prepaid in U. S.



ROSEMARIE PFITZER
(from small bulb)

MERRY WIDOW 100 ***—†‡ Exh. (Evans)
Withdrawn for propagation for 1941. We
will spare a few bulblets at rate 100 for
\$5.00.

MISS AMERICA 95 **—†‡ Exh. Com.
Delicately toned, light pink, about pale
flesh. A slight indication of hooding, un-
commonly wide proportioned florets. Ex-
cellent color value coupled with first class
cut flower traits. 1st and A. M. East Bay,
'38. Our blue ribbon at Mich., '39. East
Bay, '40. L.30 M.20 S.15 Blts .02

NEW ZEALAND SPLENDOR (Toon) 98
**+††‡ Exh. (Picardy x Mrs. S. A.
Errey) '39-'40 introduction in N. Z. Soft,
medium tone of pink with conspicuous
orange scarlet throat blotch. Quite large
florets, well placed, up to 10 open on long
flowerhead and stem. Mr. Toon, the
well known N. Z. hybridizer, says it is
the best of his originations. Received an
A.M. at Burnley Test Gardens, '38. Was
open Grand Champion at the Lyttelton,
N. Z. show, '39. L ea.—\$1.00, 3—2.40;
M ea.—\$.50, 3—1.20; S ea.—\$.25, 3—.60
Bulblets withdrawn for propagation.

PACEMAKER 100 **—††‡ Exh. Smooth,
medium-light pink. Prominent, smooth
white throat. 12-16 open. Immense
flowerheads on medium length stems. Top
score Exh. Seedling and Champion Seed-
ling Bloom (all types), winning two blue
ribbons and the large sterling silver
Stella M. Antisdale Seedling Trophy,
joint Ohio-Mahoning at Ravenna, Ohio,
'34. Without injuring frontal appearance
its fluorescence is such that it sometimes
fills out $\frac{2}{3}$ around the stem instead of just
 $\frac{1}{2}$. With our cultivation the stem only
approximates the length of the flowerhead.
The spike shown in the illustration
only had ten open but the florets were
larger than usual, the first $7\frac{1}{2}$ and the
tenth $5\frac{1}{2}$ inches dia.; the flowerhead 26
and the entire cut spike $50\frac{1}{2}$ inches long.
Not a fast propagator and stocks still
limited. Our 1st and Grand Champion at
Mah. (2nd show), '39. Our 1st (3 spikes
each showing 12-13 open), Ohio, '40.
S.15 Blts .02

ROSEMARIE PFITZER 85**—††‡ Exh.
Very light pink with faint flecks of creamy
hue. Slightly ruffed. Round, "inverted"
type florets (single lip, top petal back).
Has exquisite beauty, very delicate in
appearance yet of excellent substance
and texture. Makes good blooms from
the smaller sizes. Bulbs are soft and mar
easily but perform well. A.M., Haarlem
and Amsterdam. Wellsville, C.G.S.,
Utah, Mich., our 1st Ohio, "Most Beautiful
Bloom in the Show," C.G.S. and
Grand Champion, Calgary (2nd show)
all '39. Iowa, Hamilton Dist., Sec. champ
Thunder Bay, Grand Champion (22 bud,
10 open) and also "Most Beautiful Bloom
in the Show" at C. G. S. and Grand
Champ 1st Calgary show, all '40. L.07
(100,5.00) M.04 (100,3.00) Blts (100,.20)

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.
Blts any amount at rate offered. Delivered Prepaid in U. S.

STELLA ANTISDALE (Evans) 80 ***—††

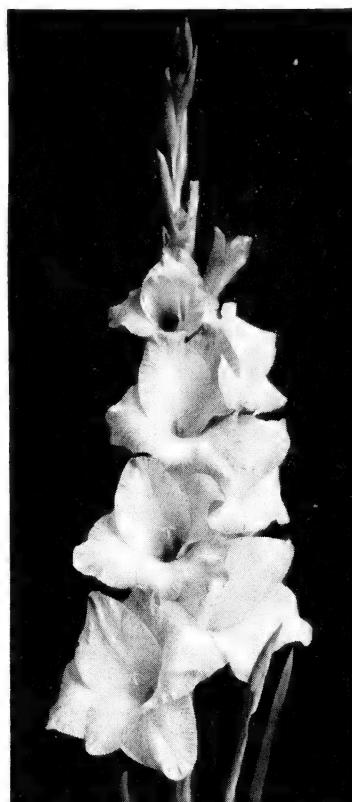
††Exh. Com. Smooth, soft light pink, a bit lighter and creamy in throat. Color has what might be termed a suede finish. Big round florets, mostly the much desired inverted type (single lip petal, top petal to rear), 6-7 in. dia., 7-9 open easily in the field, 18-20 buds. Tall spike, 55 inches high, strong, wiry stem, all straight for 4 years. Full exhibition type placement in double row formation from M as well as L bulbs. Flowerhead 24-28 inches. Good propagator. Was best single spike exh. seedling and won Bronze medal at Ind., '38. At the Ohio show, '39, a 3 spike entry of this variety (then seedling No. 7356) broke all known records for prize winnings on a single entry by winning

- (1) First as best pink exh. seedling.
- (2) Section champion (exh. sdlg. color classes).
- (3) Champion Seedling (all types).
- (4) N. E. G. S. Special Seedling Blue Ribbon.
- (5) American Home Achievement Medal.
- (6) Stella Antisdale Sterling Silver Sdlg. Trophy.
- (7) O.S.G.S. Award of Merit (86 points).
- (8) Grand Champion Bloom of the Show.
- (9) N.E.G.S. Grand Champion Purple Rosette.

With 50 or more spikes of Peggy Lou of grand champion caliber and a stunning spike of King of Hearts present to give battle, Stella Antisdale polled 7 of the 10 votes of the judges. Its parents, Albatros x Picardy. With excellent color, giant florets, true exhibition form, straight spikes and good cut flower habits, we expect all will like it. See illustration.

Our 1st, 3 spike light pink, beating our own very fine spikes of Rosa van Lima, Mich. and our 1st Recent Introduction, beating our own extra fine spikes of Grand Opera and Queen Marilynn, Mich., '40. Each L\$2.00, M\$1.50 S.75 Blts .20'

"In my opinion you have an excellent gladiolus in Stella Antisdale. The color is beautiful, placement excellent, a real exh. glad and a wonderfully fine cut flower with keeping qualities. I am more than pleased with my investment. My hat's off to you and Stella Antisdale. You've really got something there." 8-20-40. M. J. E., Grand Haven, Mich.



STELLA ANTISDALE

SALMON

(Incl. lt. sal. and scarlet sal.)

ALADDIN 85 ***—††† Exh. Soft tones of salmon pink, creamy blotch with some cream along the mid ribs of the petals. Immense florets, widely expanded, somewhat waved, well over 6 inches dia., 8-10 open, about 20 buds. But two years of growing experience with this, nevertheless our plants were so strong and stems so sturdy and spikes so big and showy we are inclined to believe Aladdin is Mr. Palmer's finest creation to date. Good propagator. Wash. and Ind., '38. We learn that after we left this Ind. show, Mrs. Sherwin's spike was chosen Grand Champion, as we expected. First Wash., Wisc., our first Ohio and Grand Champion at Yakima and Winnipeg, all '39. A. M., B.G.S., '39. Iowa, Ind., Marion Co., Ind., Best Canadian origination, also our 1st, Ohio, Grand Champion, Calgary, all '40. Now rates 2nd best glad, all colors and tops its color section in C.G.S. symposium. L.40 M.25 S.15 Blts (100, 2.00)

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.
Blts any amount at rate offered. Delivered Prepaid in U. S.



Stella Antisdale
Sterling Silver Seedling Trophy

AMAZU (E. Both) 80 *—†† Dec. Com.
Light orange pink with deeper feathering
on lip petal. Has a frosty iridescence.
5 inch florets, 6-8 open, about 20 buds.
Stem is strong and wiry. Comes to us
from Mr. Both with a background of
seven blue ribbons in Australian shows '36,
'37. Our 1st, S.E. Mich., '40. **L** .50 **M** .25
Blts .05 Stock limited.

H. B. PITTS (E. Both) 80 **—††† Exh.
Com. Smooth, light orange pink, cream
throat. Powerful growth, stiff stem. Tall,
full exhibition spikes, regularly well
placed in double row formation. Heavy
propagator. A sister seedling to Harmau.
Our 1st, 3 spike, in the popular salmon
pink class, Mich., '40. Each **L** \$5.00
M \$2.50 **S** \$1.25 **Blts** .50 Prices net,
no discounts.

JANET PURSELL (Pursell) 93 *—†††
Exh. A beautiful, pure pink with some
salmon tone and a pale cream throat
marking. Strong grower. Double row exh.
spikes with 12 open, 24 buds on a tall,
strong spike. New Australian variety,
M ea. \$1.00 **S** .50 **Blts** .15 Stock limited.

**K & M'S TRIUMPH (Konynenburg &
Mark)** 80 **—†† Exh. Com. Light
salmon pink with creamy throat. 7-8 very
large, wide open florets on tall, strong
spike. Healthy grower, fair propagator.
When this firm, world famous distributor
of Pfitzer varieties, attaches its own name
to a glad we may safely conclude this to
be a wonderful variety. Stock in very
small supply. **L** ea. \$5.00 Net price.

KING OF HEARTS (Salbach) 93 ***—†††
Exh. Com. Patented. One of the 4 or 5
varieties capable of growing florets over
8 inches dia. Color just about true salmon,
R04 on Fischer Color Chart; Light
coral red with carmine line in throat,
Ridgeway. Wide open, round florets,
7-8½ inches, 7-9 open, 16 buds, flower-
head 30 inches, spike 60 inches. Habits
ideal both as Exh. and Com. Patent
restrictions are same as specified in de-
scription of Golden Goddess. E. Bay,
'38, '39. Our first, section champion and
runner up for Grand Champion at Ohio,
'39. Wellsville, O., and our 1st, Ohio, '40.
See illustration, back cover. See patent
collection prices at end of variety list
L ea.—\$1.00; 3—2.00; 12—6.00 **M** ea.—
\$.50; 3—1.00; 12—3.00. Net prices, no
discounts.

MISS NEW ZEALAND 93 ***—††† Exh.
First offered in U. S. by Dr. Barber and by
us in 1934 at \$30. per bulb. All catalogers
scrambling for stocks to list ever since.
Color difficult to describe or classify. A
deep pink suffused rose with some ground
color of dark apricot salmon. A distinctive
throat of color of a ripe peach. We have
grown long spikes with 10 open
florets, as many more in bud, the three
lower florets a full 8 inches diameter, the
other seven tapering off to 7 inches. Ex-
cellent substance, straight spikes, power-
ful grower, acclimates easily and a good
propagator even from large bulbs. Aban-
doning long list of awards for a fresh start.
See Champion Bloom records ahead.
Only Picardy and F. J. McCoy have
records as good. Ohio, Mich., N.E.G.S.,
Winnipeg, Wellsville, Wisc., E.N.Y.G.S.,
and our "best spike, mammoth type",
Md., also Grand Champion N.Z.G.S.
(2nd day) and at Launceston, Tas.,
where it was shown with 12 open, all '39.
See illustration on front cover. Calgary,
Cedar Rapids, Conn., Ind., Ohio, Wash.,
largest floret Quebec, Reserve Champ,
N.E. Mich., our 1st Mich., all '40.
L .07 (100, 4.50) **M** .04 (100, 3.00) **S** .02
(100, 1.25) **Blts** (100, .25)

PICARDY 90 **—†† Exh. Long, straight spikes of clear light salmon, not far removed from apricot buff. Has been considered the world's most popular glad for about 5 years, and so often grand champion spike that we refer you to our page recording grand champions to conserve space. Easy propagation makes the price seem ridiculous and a waste of time to bother with bulbs in the smaller sizes. In '37 our ranking Ohio amateur exhibitor, Mrs. J. Sherwin, won the 3 spike and 10 spike vases in the open div. of the Canadian national show with spikes of Picardy that fairly startled the Canadian folk, though Picardy is "at home" up there. One of our 3 winning spikes of Picardy in the Ohio '38 show was Com. Sectional Exh. champ but it failed to beat our spike of Dazzler for Grand Champion. 1st in N.E.G.S. and 5th in C.G.S. symposiums and tops its color section in both. See Grand Champion records ahead, reporting 7 more for Picardy in '40. **L .06 (100, 3.00)**

DEEP PINK

CALIFORNIA (Salbach) 95 ***—†‡ Exh. Patented. A real giant. Color somewhat similar to F. J. McCoy but better and twice as large. Pure geranium pink with a blotch of begonia rose but slightly deeper, result close to self color. 42 inches tall, long flower head, good substance. Rapid propagator. Florets round, slightly ruffled, up to $7\frac{3}{4}$ inches as shown and measured by the judges, E. Bay, '38 where it was the winning seedling and won the American Home Achievement Medal. Patent restrictions are same as specified in description of Golden Goddess. E. Bay and Utah, '40. See patent collection prices at end of variety list. **L ea. \$1.00; 3—2.00; 12—6.00 M ea.—\$.50; 3—1.00; 12—\$3.00** Net prices, no discounts.

FRANK J. MCCOY 105 **—††† Exh. Immense, tall, strong spike of pure pink. Surely, we put this variety on the map. Way back in '31 when we registered the first win for it at the largest gladiolus show in history (over 7000 entries), A.G.S. at Cleveland. Our customers (and we) have been winning with it ever since. $5\frac{1}{2}$ inch florets, 12-15 open, 50-60 inch cut spikes carrying 22-24 buds. Nearly all of the grand champion spikes attributed to this variety in our page of records ahead were produced from our bulbs. Beside blue ribbons in color class, it scored for most

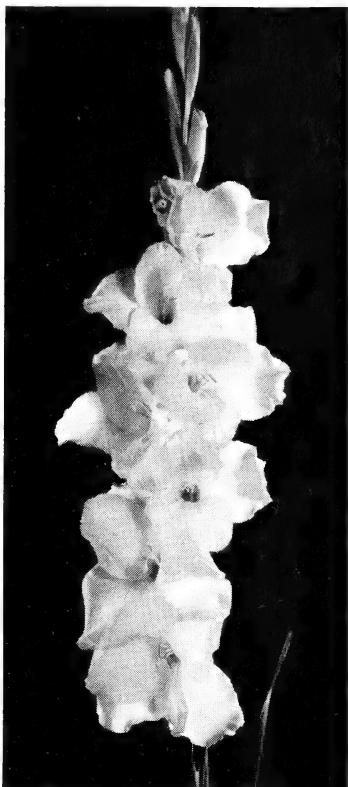
open at Wellsville, Utah, most buds and blooms, Ohio, and grand champion at Ames, Sioux City and C.G.S., all '38. 1st, Ohio, section champ Iowa, most open Wellsville, grand champion Conn., all '39. Cedar Rapids, E.S.G.S., Mich., Md., Pa., Sec. champ, Ohio (14 open) and Grand Champion (14 open), Ill., '40. Second only to Picardy in number of grand championships. **L .06 (100, 4.00) Blts (100, 25)**

"Thanks for generous overcount on the McCoys and Mary Elizabeth, also the quality of the bulbs. Hot weather brought my McCoy into bloom mostly before the show. Had many with 14-16 open and 10-12 buds above that. However, I won the amateur sweepstakes, my McCoy was grand champion of the show and my Mary Elizabeth was 'most beautiful bloom in the show'. This was my first attempt at the Canadian National shows." 10-8-'38. H.K., Port Elgin, Ont.

FROSTPINK ornatus 72 *—†‡ Dec. A Champion first time shown. Soft, medium values of pink, modulating into general effect of "Frostpink" (Textile Color Card Ass'n. of U. S.). No other markings. Intensely ruffled. Superb cut flower traits. Florets $4\frac{1}{2}$ - $5\frac{1}{2}$ inches, 5-7 open, 15-18 bud, 4 ft. high. Good propagator. Florets open slowly and make the most lasting spike within our knowledge, both in the field and when cut. Spikes cut at any stage after first color open out beautifully to the tip. Decorative color, form, placement and ruffling combined to better effect than we have ever had the pleasure to see in any other one gladiolus. 1st for us as best Dec. Type Seedling and Sweepstakes award as Grand Champion Seedling of all types, two blue ribbons and third leg and permanent possession of the \$50.00 Home Savings & Loan Silver Seedling Trophy, Mah., '33. Our 1st, Ind., our "best basket", using a few Pelegrina for harmony, Ohio, after winning with same combination at Mah. for "best vase, 12 spikes most harmonious color combination", all '38. Three 1st for us at Ohio, '39 for spike, most ruffled and arrangement. Utah and Wellsville, O., '40. **L .15 M .10 S .05 Blts (100, 1.00)**

"Frostpink is really one of the most beautiful glads on the market. I used it to the limit in hybridization." 1-29-'38. W. C.K., Oconomowoc, Wis.

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.
Blts any amount at rate offered. Delivered Prepaid in U. S.



PEGGY LOU
(from No. 3 bulb)

"When I dug Peggy Lou, it looked as though they had been rolled in glue and plastered with bubbles." 10-10-'39. O.P.S., Athens, Mich.

"No doubt you will be interested to know that the No. 3 bulb of Peggy Lou I purchased from you produced the spike which was judged grand champion of the East Bay Exhibition, just over." 7-26-'38. F.F.L., Cotati, Calif.

"The blooms in our Peggy Lou basket that won first prize were cut from the No. 5-6 bulbs we purchased from you. There were about 60 baskets competing and Peggy Lou got lots of notoriety." 10-29-'38. H.G.P., Grants Pass, Ore.

"We never saw Peggy Lou 'till we walked into the show last summer at Grants Pass. Well, it just about took me off my feet. I like it very much." D.S.P., Eugene, Ore.

"We think your Peggy Lou a grand exhibition and commercial variety and gave it a good write up in our catalog. Believe it will go over in a big way." "We regard your Peggy Lou as the outstanding U. S. introduction of last season and probably the greatest exhibition and commercial variety introduced since Picardy in 1931." The above from two large U. S. catalogers.

"You who admire Peggy Lou,—you should see it grow en masse as I did. The sight is astounding."

"The Ohio Society showroom, '39, was filled with many of the most wonderful blooms that it ever has been my lot to see." A. J. Amsler, in Nov. '39 Iowa GLAD WINNOWINGS.

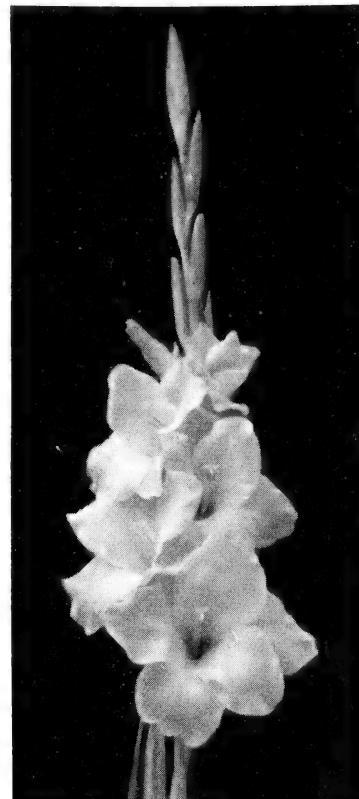
PEGGY LOU (Wilson-Evans) 90 **—††† Exh. Com. Smooth, deep shrimp pink, with a slight rosy cast and a slight peppering of deeper rose in the throat. Undoubtedly classifies as a self color. Secured from same seed cross which produced Picardy. Apart from the color change, the only variations from Picardy we can discover are somewhat rounder florets, slightly shorter stems, considerably longer flowerheads. Produces wonderful blooms from M and S bulbs. Though we introduced this variety but three years ago, its fame is already secure. See Grand Champion Records on page 6. Prize winnings far too fast and furious to record any longer. In '38 some 30 odd firsts, A.M., Md. and 4 grand championships. In '39 at least 43 blue ribbons, 5 sectional and 2 grand championships. We had so many spikes of grand championship caliber at the Md., Mich. and Ohio shows that the visitors were simply stunned. The length of these massive flowerheads (30-36 inches) is simply astounding. Our wins, '39 at Md.: 3 spike, 1 spike open, best basket, best vase (12 spikes), latter being also "Champ. Vase of the Show." At Ohio: 1st Recent Intro., best arrangement, best floor basket. At Mich.; in 3 spike and Recent Introduction section, the latter being section champion and Grand Champion. We have record of 30 firsts in the shows we are reporting, including our 1st Ohio and our Sec. champ, Mich., largest floret N.E.G.S. and Grand Champion, Wisc., all '40. L ea.—\$.15; 12—1.50; 100—12.00 M ea.—\$.07; 12—.60; 100—\$.50 S \$.03; 12—.25 ; 100—2.00 Blts (100, .30)

PINK SELECTION 98 *—††† Exh. This variety will undoubtedly join the ranks of famous "Sports" such as Marmora and Betsy Bob Up. A delicate pink with deeper blotch. Flowerhead and growing habits as Our Selection, from which it sported. Few words, but they say a lot and will mean still more as the variety becomes disseminated. Grand Champion, Tasmania G. S., (Feb.) '38. Mich., '40. L .30 M .20 S .10 Blts (100, 2.00)

SUMMERWEALTH (Heemskerk) 90 **—† Exh. Com. Very large, wide open, round 6 in. florets of deep shining pink. A very promising cut flower. L .75 M .50 S .25

LIGHT ROSE

CHAMOUNY (Baerman) 90 *+††‡ Exh. Brilliant, light rose pink, deeper throat. Round florets slightly ruffled. 7-8 open on a good tall spike. Exceptional color values. Ill., and Grand Champion, E. Bay, '40. L .40 M .25 S .15 Blts(100, 1.50)



COUTTS' ORCHID (Coutts) 84 **—††‡ Exh. Com. Immense, round petalled florets of smooth, unmarked light orchid rose with cream throat. Has a tendency to produce a quarter inch lighter edging, or halo. Very healthy grower. Stands up straight. Substance excellent. Good cut flower traits except that it is only a medium propagator. In Canada have seen spikes with 8 open and 10 more buds all in color. We doubt much if this glad has any faults and the color is beyond reproach. Stock limited. See illustration. Bulbs any size, L, M or S, \$1.00 each. No Blts for sale.

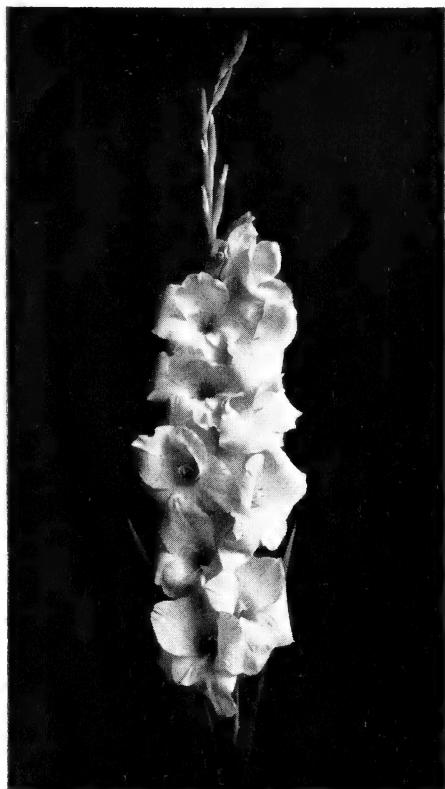
DR. DENTZ (Clingendaal) 80 ***—†‡ Exh. Com. Giant round, wide open florets. Excellent commercial color of fresh, pure rose. Has secured all the awards which can be obtained from the Dutch society, including F.C.C. and has an A. M. from the B. G. S. We break the ice for it in U. S. Our 1st, Mich., '40. L .60 M .40 S .20 Blts .05

EXCELL (E. Both) 85 **—††‡ Exh. Perfectly clear, rosy pink, with white line through center of each petal, except that lip petal is clean white, surrounded by a thin edge of the rosy pink. 5½-6 inch florets, 8 open (we have had 12). Lots of bud color. Attachment of floret to stem is somewhat at fault. If you are looking for a genuine beauty, here it is.

1st and Champ. Vase, all colors, So. Australia G.S., both '36 and '37. Our ranking Ohio amateur exhibitor, Mrs. John Sherwin, won 1st with Excell at Mich., '40, beating our fine spike of Coutt's Orchid (in open R.I. sec.) L .75 M .50 S .25 Blts .05

EXQUISITE (Both) 85 ***+††‡ Exh. Com. Slightly ruffled, unique shaped florets, beautiful, medium depth of rose pink with a harmonizing cream blotch. Extra tall spike, simply towers over most of the noted tall ones in commerce. Often over 6 ft. P.G. style of spike from field grown young bulbs but Exh. spikes when well grown from L bulbs. Eight 6 inch florets open are quite an easy matter with this one. 22 buds. Fairly good propagator. Two 1st at S.A.G.S., '37. S.A.G.S., '38. Our 1st, S.E. Mich., '40. Each L \$2.00 M \$1.25 S .75 Blts .20

FESTIVAL QUEEN 105 ***†‡ Exh. Rosy, geranium pink, soft carmine feather on lip petals. Immense, round, well expanded florets over 6 inches dia. 5-6 open, around 16 buds. Placement and facing is consistently good. Has been in the market several years but the price heretofore minimized dissemination. Gold Medal Calif. Flower Festival as best new flower (all kinds of flowers), '33. Mich. (Mrs. Sherwin) and our 1st Ohio, '40. L .08 M .05 Blts (100, .50)



ROSA VAN LIMA

"Crystal gave me a real kick and whoever produced Rosa van Lima created a masterpiece." 1-22-40. E. H. L., Cologne, Minn.

"Festival Queen was a knockout—five 6½ in. florets on a strong, straight spike, better color than Picardy. Jersey Cream is all you claim for it. Winall put out tall spikes with 10 florets open. But Rosa van Lima was a wonder. Seven 6 in. florets on perfect spikes and the color is what we have been looking for several years." 8-25-40. F. F. S., Shreve, Ohio.

"Every flower produced from your bulbs was fine but most of all Rosa van Lima, of which you sent me 3 gratis bulbs. The flowers were 6-7 in. across and on digging the bulbs I found an incredible yield of bulblets. Came a rainy day and I counted them—960 (that's right, nine hundred sixty) bulblets of varying size!" 10-15-40. W. C. W., N. Y. City.

GLAMIS (Palmer) 90 *—†‡ Dec. Com. Good, clean color, salmon rose, creamy lip. Florets beautifully ruffled, fluted and needlepoint. Robust grower, good propagator, blooms freely from blts. for us. E. S. G. S., '40. Each **L** \$2.00 **M** \$1.25 **S** .75 **Blts** (10, 2.00)

RIMA 85 **—†‡ Exh. Com. Smooth, pastel blend of very light lilac rose pink, graduating toward very pale yellow in the throat. Florets around 6 inches, 6-7 open, 20 bud, spike tall, strong and wiry. Substance and delicate pastel color values indicate high commercial quality. Metro., '37. Conn. and Yakima, '38. Grants Pass, Wisc., E.N.Y.G.S. and our 1sts Ohio and Mah. (2nd show), '39. Calgary, Grants Pass, Iowa, E.N.Y., Sioux City and our 1sts at Mich. and Ohio, '40. **L** .15 **M** .08 **Blts** (100, .80)

ROSA VAN LIMA 77 *+†‡ Dec. Com. The finest, bright, light rose pink we have ever offered. Has a harmonizing small spot of deeper orchid violet. A real apple blossom pink. The color we growers and florists have hoped to see in a gladiolus coupled with 100% satisfactory commercial cut flower habits. Destined to achieve great success in the gladiolus industry. Won two blue ribbons for us at Mich., two and section champion for us at Ohio and one at Mah. (2nd show), all '39. The spike in our illustration opened as shown in the field but one or two less open comes nearer the average performance in the field. Excellent propagator and a bargain at twice the prices we are asking. E. N. Y., Md., Pa., Utah, Wellsville and our 1st Ohio, '40. **L** .15 (100, \$12.) **M** .10 (100, \$7.) **S** .05 (100, \$3.50) **Blts** (100, \$1.00)

SOUTHPORT 96 *—†‡ Exh. Frequently deserves two stars for size of florets. Color a smooth, light, lilac rose pink, self color. Makes a long flowerhead with 10-12 open blooms on medium long stems. Excellent color value and at least among the best 3 or 4 of the many fine glads introduced by Mair, Scotland. B.G.S., '35. Ia., '37. Regina, '38. Our 1st Mah., '39. Calgary, Winnipeg and Sec. champ, S.E. Mich., '40. **L** .12 **M** .07 **Blts** (100, .50) Stock limited.

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.
Blts any amount at rate offered. Delivered Prepaid in U. S.

DEEP ROSE

HARMAU (Both) 78 **+†‡‡ Exh. Com. Orange shaded rose doree with scarlet blotch (Ridgeway). We would call it a very beautiful pastel shade of clear, deep orange pink with soft scarlet blotch. Tall, wiry stem. Large florets, slightly hooded about as Picardy and Peggy Lou. Tremendous propagator, blooms more freely from bulblets than any variety we grow and we predict a wonderful commercial future for this glad and a number of expert growers overseas consider Harmau the best Australian release to date. Six firsts, champion vase and show champion Prim Grand (Picardy runner-up) S.A.G.S., '38. The unusual color, massive spike, powerful growth from small bulbs and bulblets probably mark Harmau as our best introduction since Peggy Lou. Color is very difficult to classify for show competition. Our 1st both 3 spike and Recent Intro. Sec. at S. E. Mich., '40. Each L \$1.25 M .75 S .35 Blts .10

"It's about Harmau. You sent me a small com (I ordered a cormel). Planted July 1st in heavy soil. Had to neglect plot account war work. Large majority of my bulbs failed to arrive to bloom but this precious variety delivered such an exh. spike I got out your Catalog and read your notes on Harmau while I had the spike in my hand—and its performance supported your claims for it 100%. Dug 4 days ago it produced 27 com'l size cormels and a great mass of smaller ones. Otherwise only the primis produced sizeable cormels this yr." 11-15-40 S. E., Notre Dame de Grace, Montreal, Ont.

LEONA 90 *—†‡‡ Exh. Clean, rich rose red, slightly ruffled. For us the best performer among Mr. Pruitt's '38 releases. Our spikes were admired by all who saw them. The color is much darker than other varieties here listed, not far removed from dark red in depth of color. Our 1st best red recent introduction, Ind. and a first at Sioux City, '38, Ohio and Ill., '39. E. N. Y. and Sec. champ at Susquehanna G.S., '40. The good facing and placing, height and vigor as shown by two more years of growing have confirmed our opinion that this is a good commercial variety, as well. L .10 M .06 S .03 Blts (100, .25)

"Your extras showed that you were not merely trying to pawn off surplus stock of varieties ready for discard." 9-7-'39. W.V.R., Haslett, Mich.

RED LORY 90 *+†‡‡ Exh. Carmine Rose, mottled bright orange. Crimson on lower and cream on upper section of throat. Hardly a wonderful color harmony, but makes spectacular spikes with 12 open. Might need staking if bloomed in very hot weather. N.Z. growers claim it has won more champion certificates there than any other. Clearing the slate. E. S. G. S., C. G. S., Iowa, Mich., Ohio, most buds and bloom, Wash., most open at N. E. G. S., Conn. and Quebec, Sec. champ, Calgary and Grand Champ Monitor G. S. (Boston) all '40. L .06 (100, 4.00) M .04 (100, 2.50) S .02 (100, 1.25) Blts (100, .20)

ROSALIE (Burgess) 96 **+†‡‡ Exh. Com. This new Australian glad has deep color tones. Wine red with carmine marking on cream throat. Makes tall, powerful spikes of true Exh. type, large florets well placed in double row formation, 8-10 open. Easy grower and good propagator. A spectacular glad. A.M. Burnley Test Gardens. We started its American winning career at Mich., '39. Prices very reasonable. Plants mature early and should be dug early. L .20 M .10 Blts .02

PURPLE

CHARLES DICKENS 93 *—†‡ Exh. Violet purple. Tall. Fine cutting spike. Voted best purple, C.G.S. last 3 symposiums. 10 firsts in various shows we are reporting, including Ohio and C.G.S., '38, Ohio, C.G.S., E. Bay, Wellsville and section champ Mich. and Wash., '39. We have record of 8 firsts in '40, also Sec. champ at Wisc. Rates No. 9 in N.E.G.S. and tops its color there also. L .06 (100, 4.00)

HERBSTFREUDE (Holland) 90 **—†‡ Exh. Com. Clean, light purple, deep violet throat mark. Large florets, smooth petals, wiry stems. Should prove a better commercial than Takina. Our 1st, Ohio, '39. Each S \$1.00 Blts .25 Net prices, no discounts.

MRS. MARK'S MEMORY (K & M) 88 ***—†‡ Exh. Largest purple glad to date. We have had blooms well over 8 inches on strong, tall spikes. Has a small dark carmine throat mark. A sensational Exh. variety. We break the ice for it in U. S. with a 1st at Mich., '40. Each L \$5. S \$2.50 Blts .50 Net prices, no discounts.

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.
Blts any amount at rate offered. Delivered Prepaid in U. S.

PURPLE BEAUTY (Roozen) 88 **—†††
Exh. Com. Shining purplish violet. Self color. Extra large florets of strong substance. Spike is tall and well formed. Somewhat ruffled. This will soon become the most popular commercial purple. N.E.G.S., Wisc. and our 1st Mich., '39. L .30 M .20 S .10 Blts (100, 2.00)

RAMESSES 90 ***—†‡ Dec. Aster purple, pomegranate blotch on white. Extremely large florets with long, pointed petals. Peculiar ruffling and orchid appearing. One of the tallest glads we offer. Very decorative in combination with lavenders. Ind., Ohio, E. Bay, Sioux City, Cedar Rapids and Ia. State, all '38. Iowa, Sioux City and E.S.G.S., '40. M .06

STAPLEFORD 95 **+††† Exh. Immense, round florets of clear, bright purple with pronounced, clear white blotch. Tremendous flowerheads with 10-12 florets open. Tall, strong, well foliated plant. Slow propagator. Stock very limited. Aukland G.S., '36. Ind., '38. Ohio, '40. L .30 M .20 S .10 Blts .05

TAKINA 90 ***—††† Exh. Rosaline, lilac purple. Lightly flaked a darker shade. A spike of Takina on our winning "Connoisseur" display at the national show, Akron, '36, created a commotion. Has been exhibited with 8½-inch florets, 9 open and has been grown to a height of 7 feet. Our blooms have reached 8 inches with 7 open, close to 6 ft. high. F.C.C., N.Z.G.S., '34. Aukland G.S., '36. Ames (Ia.) and Yakima, '37. Ohio and Regina, '38. Wisc., Grants Pass, '39. Calgary, C.G.S., Me., Wash. Wellsville, O., and Winnipeg, '40. L .10 M .06 (100, 4.00) Blts (100, .30)

LIGHT VIOLET

ALLEGRO 80 *+†‡ Exh. Light lavender-blue. Two dark blue blotches ending in white arrow points. Good cut flower habits and one of the very best performers among the "blues". F. C. C., Haarlem. New record. N. E. Mich. and E. Bay, '40. L .15 M .10

BLUE BEAUTY (Bläue Schonheit) 80 *—††† Exh. Medium light blue with edges of petals overlaid violet blue. Throat somewhat lighter on upper petals, darker on lower containing a small white mark, V-shaped. Large, wide open florets, 8 open, 20 buds, on a long, strong spike. F.C.C., Haarlem. Won Certif. of British G.S.

offered at Haarlem, '36, for champion bloom of the show. First blue in history to achieve show championship. 12 firsts in shows we are reporting, including our 1sts at S. E. Mich., and Mich. '40. Tops its color section in C. G. S. symposium. L .10 M .06 S .03 Blts (100, .25)

BLUE WONDER (E. Both) 95 *—††† Exh. Medium light blue violet 5 inch florets, 10 to 16 open, 23 buds, 55 inches tall. Placement excellent, substance good, foliage up to 3 inches across. If flower is bloomed out in hot weather in garden we suggest staking so massive a spike. This variety won Champion bloom as a seedling in the South Australian G.S., '35. We register the first win with Blue Wonder at Ind., '38. Ohio, N.E.G.S. and our 1st Md., '39. Ill. and our 1st Mich., '40. L .30 M .20 Blts .03 Stock limited.

JOSEF HAYDN 90 *+††† Exh. Light heliotrope-violet with spectacular dark blue violet blotch. Florets are large, wide open, of heavy substance and well placed on slender but straight stems. This variety offers a genuine novelty color combination of great charm. Tall. May crook in hot weather. E. Bay, '39 and '40. L .35 M .25 S .15 Blts .03

RAYSHEEN 80 *—††† Dec. Com. Delicate, soft tones of medium light blue violet, with slight deeper feathering and a small, soft yellow mark on lip petal. Very vigorous grower and best propagator we have ever discovered among the blues. We have reports of some crooking in extreme weather and a few did for us but this variety consistently gave us the largest flowerheads of any in this color section. Our 1sts at Ohio and Ind., '38. Three 1sts Ohio (one ours) and our 1st Mah. (2nd show), '39. Three 1sts at Ohio (2 of them ours), '40. L .15 M .10 S .05 Blts (100, .80)

WINALL (E. Both) 98 **—††† Exh. Com. Bluish, medium mauve violet with harmonizing deeper blotch. Tall, exhibition spikes with 8-10 open, 18-20 bud. Very unusual color. Reminiscent of Marmora but deeper, and likely, better color. Powerful grower, good propagator, does not bloom well from small bulbs but otherwise has good cut flower characteristics. A promising new one. Our 1st Ohio and Mah., '39. Three firsts for us at S. E. Mich., '40. In '40 we had dozens of spikes with 10 open on the plants in the field. L .60 M .40 S .20 Blts (100, 5.00)

DARK VIOLET

BLUE ADMIRAL 95 *—†‡‡ Exh. Com. Clear, deep violet. Sturdy spikes, tall and straight. Tops color section in C.G.S. symp. Ia., E. Bay, Cedar Rapids, Ames, Mah., Mich., and Pa., '38, Mich., N.E.G.S., E. S. G. S., '39. C. G. S., Calgary, Iowa. Ill., E. S. G. S., N. E. Mich. and Wash. '40. L .06 (100, 4.00)

PELEGRINA 85 *—†††† Exh. Velvety, dark blue violet. 10-14 open and entire balance of long spike in color. Often 15-20 buds show color before first floret opens. Despite a stem we would prefer a bit stronger, it has achieved world wide popularity. Stands 6th in N.E.G.S. symp. and tops its color section. Ind., E. Bay, 3 Ia. shows and our 1st, Ohio, '38. Pa., Wellsville, E.S.G.S., E. Bay, '39. Pa., Iowa, Utah and C. G. S., '40. L .06 (100, 3.50)

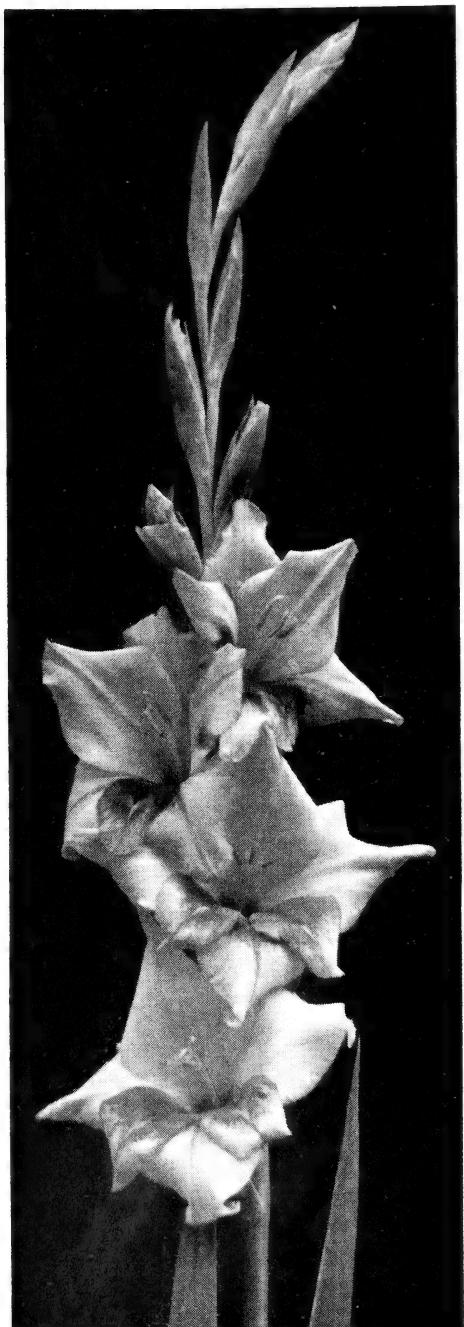
RUDOLF SERKIN 90 *—††† Dec. Pure, dark pansy blue of a strong shade which does not fade. Round petals, well expanded florets. This is Pfitzer's own improvement on Pelegrina in color, size and texture. F.C.C., Haarlem, '35. B.G.S., '35. Metro. (NYC), '35. To see it is to want it. Very scarce. At the Metro., '37 show it won a sweepstakes of designation new to the glad shows, namely "Most Beautiful Bloom in the Show." Ohio, '38. L.15 M .10 S .05 Blts (100, 1.00)

TUNIA'S BLUE (E. Both) 110 **—†‡ Exh. Dark blue violet, about a shade lighter than Pelegrina. Some feathering of white. Vigorous grower. Largest floret among the blues. Average propagator. Wellsville, O., E. S. G. S. and our 1st S. E. Mich., '40. L .25 M .15 S .10 Blts (100, 1.00).

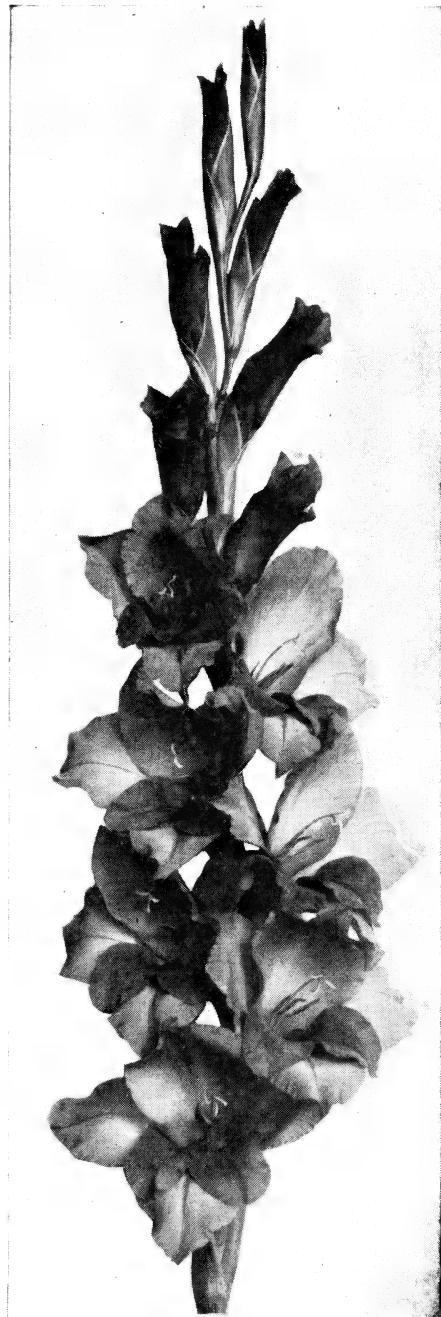
YELLOW

AMBERGLOW 77 *—†‡ Dec. Soft, but brilliant, clear unmarked amber yellow. Its color value at once removes it from the commonplace and its fine cut flower habits join to give it high ranking. 7-8 open, 16-18 buds. Early. Ia., '38. Our 1st Ohio, '39. E. S. G. S., Iowa, Hamilton Dist., Md. and Wash., '40. L .15 M .10 S .05 Blts (100, .40)

DOX (Pfitzer) 90 *—†‡ Exh. Com. A clear light amber yellow, lip petals golden sulphur. Tall, strong growth and rather large floret. A.M., Haarlem. B.G.S., '37. Grants Pass, '39. C.G.S., '40. L .10 S .04. Blts (100, 1.00)



JOSEPH HAYDN
(from medium bulb)



LA FIESTA

GOLDEN GALLEON (Mason) 82 **—†††
Exh. Com. Light yellow. Color and ruffing about as Golden Chimes. But, with us, No. 4M bulbs, well grown, make spikes approximately as Golden Chimes at its best from young jumbo bulbs. Golden Galleon, from L bulb, makes spikes up to 6 ft. tall, often with 2 and 3 sides spikes with 8-14 buds per side spike. 59 total buds we have had on a single spike. Florets larger than any yellow we have seen (except our seedling 73395), about 6 inches 7-8 open on long flowerhead. Plant makes powerful growth. Good commercial cut flower habits, including fairly good propagation. Many know it as "Mason's Yellow Seedling." Our 1st, Ohio, also amateur section champion, Ohio, '39. Our 1st, S. E. Mich., '40. Each L \$1.50. Prices net, no discounts.

"Golden Galleon had ten open blooms, 14 buds on main spike and two branch spikes of 12 buds each. The small spikes were blooming while the main spike was still in bloom. The large bulb made only one plant but it gave a wonderful display. I rate Golden Galleon as the finest yellow variety." 12-2-40. C. L. R., Martinsburg, Pa.

GOLDEN GODDESS 95 —††† Exh. The first patented gladiolus (U. S. Plant Patent No. 77). Clear, deep monotone yellow. Consistently makes long, compact flowerheads with about 12 open florets and a total of about 22 buds. Color is richer than that of the other yellows listed. Florets larger than those of Golden Dream, flowerhead longer, stem shorter. We have grown this variety 6 years and are satisfied that the color value is outstanding. Together with 3 national seed houses and a few gladiolus growers, we are licensed by the Patentee, Carl Salbach, to sell Golden Goddess. Bulbs will be supplied only upon the express condition that they can be grown for the personal enjoyment of purchaser, but that no bulb or bulblet stock may be resold, leased, given away or in any way transferred without the written consent of the Patentee. Cedar Rapids, E. N. Y., Iowa, Pa., Wash., Sioux City and our 1st, Ohio, '40. 11th best glad and tops its color sec. in N. E. G. S. symposium. Now obtainable in quantity at reasonable prices L ea. .10 3—.25; 6—.50, 12—.90, 25—1.75 M ea. .06, 6—.30, 12—.60

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.
Blts any amount at rate offered. Delivered Prepaid in U. S.

JIM HOLLAND (Both) 110 *—††† Dec. Com. The color of this new sport of Betty Nuthall with us is definitely clear light yellow with the regular Betty Nuthall throat scratches. The color is much closer to true yellow than that of Betsy Bob Up and entirely lacks the pink combination of the latter. The clarity of yellow color, coupled with Nuthall growth and propagation habits are bound to point this new glad into show and commercial paths. Judged "Best Australian Commercial Variety," S.A.G.S., '39. Our 1st, Ohio, '40. L .50 M .35 S .20 Blts (100, 5.00)

LOUIS D'OR 88—‡ Dec. Very deep bronzy yellow with apricot shading. 6 open. Strong, straight, slender spikes High color value. (Am.) A.G.S. '37, Grants Pass, '39. L .07 M .04 S .02 Blts (100, .50)

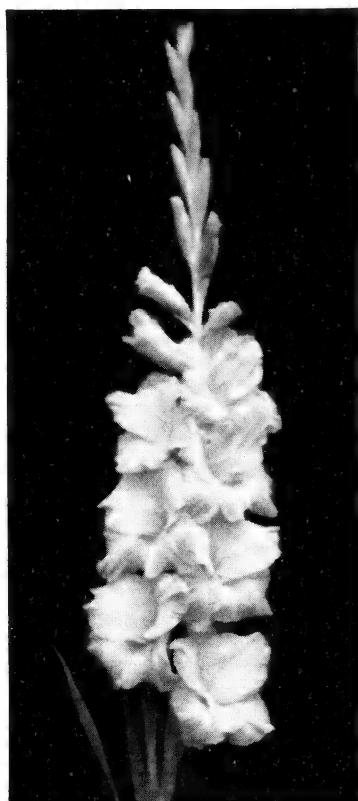
SIR GALAHAD (Salbach) 95 **+†† Exh. Patented. Soft, rich, clear creamy yellow with a diamond shaped blotch of rich crimson, in beautiful contrast. Words fail us to describe its unusual beauty. Six 6 inch florets wide open, a bit recurved, 18 bud. Tall, strong spikes with long flower-head. Patent restrictions same as specified in description of Golden Goddess. Our 1st, S. E. Mich., '40. See patent collection prices at end of variety list. L ea.—\$1.00; 3—2.00; 12—6.00 M ea.—\$.50; 3—1.00; 12—3.00 Net prices, no discounts.

ORANGE

(Incl. yellow orange and red orange)

BIT O' HEAVEN 90 —††† Dec. Clear orange, soft yellow throat. Florets pretty small for a shoulder high glad but it appears self supporting and withstands bad weather and soil conditions. Florets not much above 3 inches, somewhat hooded, 8-10 open, about 22 buds. No. 28 C.G.S. and No. 15 in N.E.G.S. symposiums and tops its color class in each. Mich., Ia., C.G.S., Regina and our 1st Ind., '38. Ohio, C. G. S. and Wellsville, '39. Have record of 10 firsts, '40, including Sec. champ at Wash. L .06 (100, 4.00) M .04 (100, 3.00) Blts (100, .20)

COL. WM. LIGHT (E. Both) 90 **+††† Exh. only. Bright, metallic orange pink, with large yellow throat. Very large, round florets, 8 open, 26 buds. We say exh. only because the difference in performance fertilized and unfertilized is so marked. Champion Seedling, S. A. G. S., '36. Reserve Champion S. A. G. S., '38. Each L \$5.00 M \$2.50 S \$1.25 Blts .50 Prices net, no discounts.



DAZZLER

DAZZLER (Both) 80 **+††† Exh. only. The greatest dazzler for color we have seen. We never thought we would ever see a glad of scarlet orange that could match Pfitzer's Triumph. But this is vivid dazzling scarlet orange with darker blotch. Slightly ruffled. 5½ inch florets, 9-10 open, 22 and more buds. Full double row Exh. type placement. Flower fades in the sun so it is not a commercial type. But what a "humdinger" for the show bench or home use if blooms are opened indoors! A spike selected from our commercial display at Ohio, '38, not entered in competition, was unanimously chosen by the judges as Grand Champion Bloom of the Show, winning the American Home Achievement Medal and the N.E.G.S. Purple Rosette. Our 1st also Ind., '38. Our 1st Md., '39. Our 1st (beating our own fine Harmau and Master Myron), Mich., '40. Sorry to state stocks are still scarce. See illustration. Each L \$3.00 Net price, no discounts.



PINOCCHIO

"Let me congratulate you on the wonderful catalog you put out. I file each one as I consider each as truly a Guide Book." 9-6-'37. I. L. J., Sydney, N. S. W.

"Some catalogs print more pictures but for information yours has them all beat." 3-6-'39. F. M. C., Champaign, Ill.

"We just received your splendid Fancier's Guide Book and wish to compliment you on its appearance and the information contained therein. I do not believe there is another catalog as valuable, published." 1-12-'38. D.A.B., Encinitas, Calif.

DIANE (Krueger) 110 **+†‡ Exh. Smooth salmon orange with clear cream throat. Very tall and very late with us. Wisc. '38. L 1.00 M .75 S .50 Blts .10

JOH. S. BACH 78 **—††† Exh. Orange salmon, shading bit lighter in throat. White median lines. Tall and strong. Huge, well arranged flowerhead. 10-12 open at once. The earliest, extremely large flowering sort within our knowledge. A.M., Haarlem, F.C.C., British G.S. Starting records anew. C. G. S., Hamilton Dist., Iowa, Mich., Sec. champ Edmonton and Reserve champ (1st) Calgary, all '40. L .07 (100, 5.00) M .04 (100, 3.00) S. 02 (100, 1.50) Blts (100, .30)

LA FIESTA 90 *—†† Dec. Bright orange. Deeper in throat. Tall, strong, wiry stem. Color a large improvement on the popular Senorita, with much taller spikes and better placement. A coming "cut flower." Rapid increaser. Large blts. We have had spikes with 12 open florets. Also 5 ft. spikes from small bulbs. We registered its first win at A.G.S., '36. Has A.M. from B.G.S. and E. Bay. Section champ., Pa., '38 and Wisc., '39. Ill., Mich., Ohio, Utah and Wash., '40. L .08 M .05 S .03 Blts (100, .30)

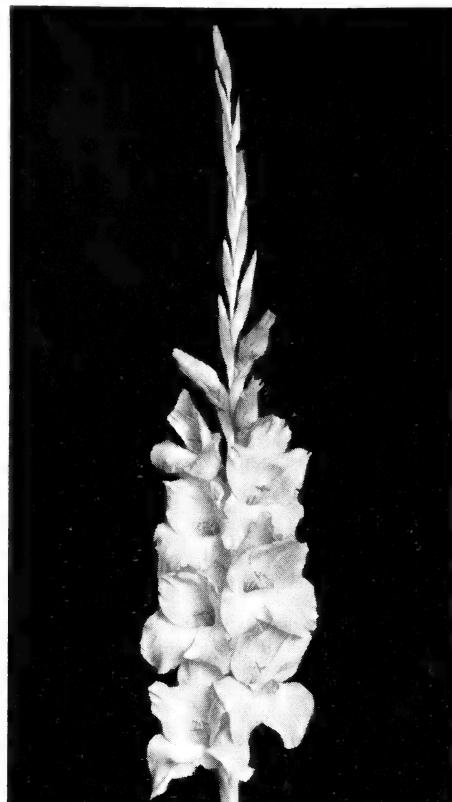
OLD GOLD (Both) 85 **—†† Dec. Com. Slightly lined or feathered blend of light, medium and deep old gold. Slightly hooded. Medium height, good flowerhead. Perhaps this is the perfect autumn tint you have been looking for. Our blue ribbon, Mich., '39. Our 1sts Mich. and S. E. Mich., '40. L .50 M .35 S .20 Blts (100, 3.00)

ORANGE BUTTERFLY 95 —†† Sm. Dec. The only really small flowered variety in the entire list. They average about 2 inches. But, it holds 10 or more open on a long flowerhead, which is very unusual for this type. The color is a rich, glowing, bronzy orange. And, unlike most of the small flowered sorts, the substance of the florets is excellent, though there may be some crooking of the stem in extremely hot weather. Commonly champion bloom of the Small Dec. section. Too many to list. L .06 (100, 4.00) M .04 (100, 2.50) Blts (100, .20—M, 1.00)

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.
Blts any amount at rate offered. Delivered Prepaid in U. S.

PINOCCHIO (Evans) 75+†† Med. Dec. Com. A true Novelty gladiolus. Color is a novelty blending of pink, yellow, green, orange and red without emphatic preponderance of any one of these colors. At a distance the yellow, orange and red give it a prevailing orange tone and thus it is classified as orange. Perhaps "any other color" might be correct. Florets are of heavy texture, 3½-4 inches, are round, wide open, intensely ruffled and fluted. Placement airy on stretchy spike 50 inches high. Flowerhead 24 inches on wiry stem well above the foliage which is a bit short. Good propagator, large bulblets, most of which bloom. On its first appearance in the shows it won 1st, 3 spike Dec. seedling, Section Champ. Dec. seedling and A.M. (84½ points) at Ohio, '39. Our 1sts Ohio and Mich., '40. See illustration. Each L .75 M .50 S .25 Blts .10

TREASURY GOLD (Wilson-Evans) 95 **—††† Exh. Com. (Registered). Ridgeway: Capucine Orange with a slight tendency toward Chamois (buff orange). Fischer Chart; somewhere between 04 and Y04, probably nearest 04. This makes a truly giant spike, as stretchy as Peggy Lou, with flowerheads about 34 inches, 25 buds. The spike towers 68 inches in the field. Florets are plain petaled, wide open, 6 inch dia., 10 open. Strong plant, tall, darkgreen foliage. Placement averages good. At its show debut 3 cut spikes towering 60 inches high, just as here described, were exhibited at Wellsville, '39, judged Champion Seedling, winner of American Home Achievement Medal and was reserve champion bloom of the show. Other than the mechanical hazards to any glad growing over 5 ft. tall, we have discovered no alloy in Treasury Gold. We are pleased to become co-introducer with Mr. Wilson (who also originated Peggy Lou) of this giant, soft, self colored glad. Three firsts at Ohio, 3 spike (also Sec. champion), Recent intro. and "Best Ohio Origination," Section champion in open Exh. div. at E. S. G. S. and "Vote of Commendation" at Md. Trial Grounds, all '40. See illustration. Each L \$2.00 M \$1.00 Blts obtainable only with bulb purchases. With each L bulb, 15 blts may be purchased for further sum of \$2. With each M bulb 8 blts for further sum of \$1.



TREASURY GOLD

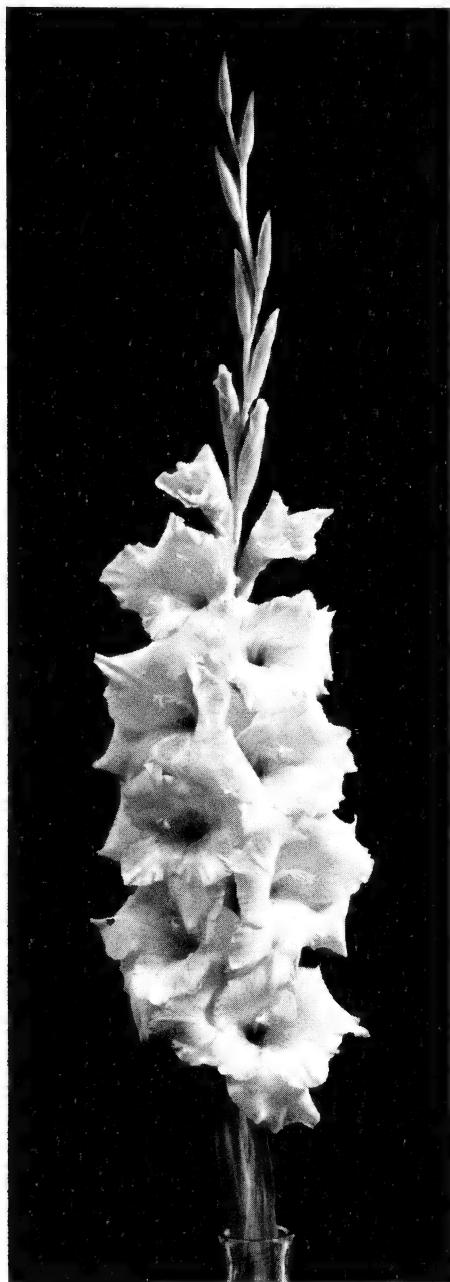
SCARLET & LIGHT RED

ALGONQUIN (Palmer) 79 *—††† Exh. Com. Brilliant, light scarlet with some markings. Color not equal to Palmer's Regent but larger florets and much longer flowerheads, up to 30 inches. 8-9 open usually semi stepladder fashion. A. M., B. G. S., '39. Now rates third best glad (just ahead of Minuet and Picardy) in the new Canadian symposium and tops its color section. L .50 M .30 S .20 Blts (100, 2.00)

BEACON 90 *+†‡ Exh. Brilliant, clear colors. A rather dark rose, approaching scarlet. Pronounced creamy blotch. Florets slightly waved and ruffled. 8 or more open. Tall, straight spikes. Color is both distinctive and striking. If you are looking for a "showy" glad, with color of "quality" thrown in for good measure, here it is. Latest record slate: Cedar Rapids, E. N. Y., E. S. G. S., Ind., Md., Mich., N. E. Mich., Wellsville, Utah and Sec. champ at both Iowa and Sioux City, all '40. L .08 (100, 5.50) M .05 (100, 3.50) Blts (100, .40)

"The way you have set your catalogue up, it is in fact a guide book, particularly to those who like to exhibit blooms at the shows. I would think that you would have a most loyal following among your readers from year to year."

"I thought that your note on bulb surgery was especially good. I think that information should be passed on to all Gladiolus fanciers." 1-19-'39. P.F.F. (Editor of a National Hort. Magazine).



SPITFIRE (83553)
(For Introduction in 1942)

DR. A. J. VERHAGE (Van Buggenum) 80
—†‡ Com. A brilliant glad of Pfitzer's Triumph origin. Clear, deep, orange toned rosy scarlet, blotched deeper. Has excellent commercial growing traits and produces immense florets from small bulbs. Our 1st, Ohio, '39 produced a clamor for bulbs before government release permitted it to be offered for sale. Our 1st, both 3 spike and Recent Intro. at S. E. Mich., '40. Our very low introductory price warrants your immediate consideration. Each **L \$1.00 M .75 S .50 Blts .10 Net prices, no discounts.

KING CLICK (Wilson) 85 *—††† Exh. Ruffled scarlet. A bit deeper than Algonquin and color practically clear. 5 inch florets, 21 buds, 8 open, 31 inch flower-heads. 5 ft. tall, making giant plants. Champion seedling, winning American Home Achievement Medal and Grand Champion bloom at Ohio, '40. Only Stella Antisdale has turned in a performance equal to that. "Honorable Mention," (a step towards A. M.) at E. S. G. S., '40. Each **L or ML** (sizes 1-2-3) \$2.00 **MS or S** (sizes 4-5-6) \$1.00 **Blts .20** (10 for 1.50) Net prices, no discounts.

LUCIFER 95 **+††† Exh. Orange scarlet, purplish crimson blotch. Makes a huge plant and spike, often side spikes. Huge florets set well spaced, up to 10 open. Very tall. A.M., B.G.S., 1st at 5 shows Australia and grand champ. R.H.S., Ballarat, '35. Conn. and 2 Ia. shows, '37. Mich, and all 4 Ia. shows, '38. E.S.G.S., Wellsville, Ohio, '39. C. G. S., E. S. G. S., and Md., '40. **L .06 (100, 4.00)**

MR. C. P. VAN TIENHOVEN (Duijn) ***—††† Exh. Brilliant, glossy, corn poppy red, darker in throat. Has done no crooking for us but understand it does to some extent in the southern half of the northern border states. Up here it should make a semi-commercial with giant blooms at little cost. Plant deeply as the giant, round florets catch a lot of wind. In fact, our florets of this reach the so-called "super-colossal" designation. **L .10 (100, 7.50) M .06 (100, 4.00) Blts (100, .50)**

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.
Blts any amount at rate offered. Delivered Prepaid in U. S.

MRS. C. P. WORLEY 98 *—††† Exh. Salmon red, cream throat. Powerful grower, luxuriant foliage, long flowerhead on medium length stem. Size of florets almost warrants two stars. Stock very limited. Md., '38, Ohio '39 and '40. L. 25 M .15 S .10 Blts (100, 2.00)

RODNEY (Coates) 92 ***—††† Exh. and Com. Another spectacular glad in the mammoth class. Full, double row exh. spikes, 7 inch florets, 8 open (have seen 10). Beautiful dark glistening scarlet, with spectacular flaked, whitish blotch. Vigorous grower and good bulblet producer. Each L \$3.00 S \$1.00 Prices net, no discounts.

ST. EDWARD (Both) 72 **—††† Exh. Com. This outstanding Exh. and Commercial glad is an orange scarlet with some creamy white in the throat. Has excellent substance, wide open, perfectly formed florets which are slightly ruffled and held rigidly on a very tall, wiry stem. Quite an easy matter to pick a perfect 100% Exh. spike with eight or more 6 inch florets open in double row formation. 22 buds. Medium propagator. While a seedling it was included in the "best 6 spikes" at S.A.G.S., and was Grand Champion at Kensington, '37. Champion Vase (20 spikes with more than 200 open florets) S. A. G. S., '39. Our 1st, S. E. Mich., '40. Our stock is very limited. Each L \$5.00 M \$4.00 S \$3.00 Blts .50 Prices net, no discounts.

TUNIA'S TRIUMPH (E. Both) 88***—††† Exh. Today the world's most sensational glad. Starting its career, it won the Fallu Cup and Grand Champion Seedling award at the South Australia, '34 show. Australian fans have been spellbound with this flower ever since. The color, light orange scarlet with a sheen approaching metallic bronze, a self color. Florets 7½ to 8 inches, 7 to 9 open, 21 buds. The huge florets are perfectly faced and placed. The spike grows 5 ft. or taller, perfectly straight and the heavy texture enables the florets to withstand hot, drying winds. Makes a strong, well foliated plant that requires no staking. Good propagator, young bulbs producing from 30 to 50 bulblets. With a bold, arresting bloom having every desirable exhibition quality, this variety shows every evidence of being unstoppable. We started its winning career in U. S. with firsts at both Ind. and Ohio, '38. Our 1st, Md., '39. Our 1st (3 spike) Mich., '40. L .25 M .15 S .10 Blts (100, 2.50)

"At our show (S.A.G.S.) Tunia's Triumph with seven eight-inch blooms, perfectly placed, simply dwarfed such large varieties as Mrs. S. A. Errey and its magnetism held the public three and four deep throughout the show." C. H., Torrensville, S. A.

"Tunia's Triumph is the largest glad I have ever grown, though I only managed 6 open." E. J. F., Melbourne, Australia.

"I had a Tunia's Triumph with first floret 8¾ inches across and 8 open." Mr. Menzies (a prominent Victoria exhibitor)

"Tunia's Triumph has already proved a wonderful parent. A number of its seedlings are very outstanding and are likely to create a sensation when released as you already know." E. B., Adelaide, So. Australia.

"We liked your Tunia's Triumph immensely. It is gorgeous, lovely." 8-3-'38. Mrs. J.R.C., Hayward, Calif.

VELA (Heemskerk) 80 *+†† Dec. Com. Long spikes with beautifully arranged flowers of scarlet red, rosy toned, blotched deeper though not very conspicuously. Very good cut flower habits with us. Excellent propagator, blooms well from the smaller sizes and even freely from bulblets. For us it marks the passing of the good variety, Red Phipps. F.C.C., Haarlem, '37. Certif. of Commendation, (Test Gardens), B.G.S., and our 1sts at both Md. and Mich., '39. Wellsville, O., '40. L .25 M .15 S .07 (100, 5.00) Blts (100, 1.00)

RED

COMMANDER KOEHL 88 ***††† Exh. Clear, rich, crimson red. Has been considered among the best ten glads for years in spite of a weak tendency in the stem. It is 4th in the N.E.G.S. symp. now, and still tops its color section here and in the C. G. S. and still landing 10 or more firsts in U. S. shows we are reporting, annually. L .06 (100, 4.00)

HINDENBURG'S MEMORY 90 ***—††† Exh. Com. Deep scarlet red, buds a velvet blood red. Deeper red than Red Phipps or Tip Top. Somewhat lighter than Com. Koehl. Holds 6-7 well expanded florets over 6 inches dia. on a strong, tall stem. Excellent placement and easily the best exhibition variety in the red section. This is Pfitzer's own wonderful improvement on Com. Koehl both in color, size and stem. A. M. Haarlem, '36. Only a matter of time and this will be in any list of "the ten best glads." We have started it on its winning career, Ohio, '39. Calgary, Me., Md. and Wash., '40. L .50 M .30 S .15 Blts (100, 3.00)

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.
Blts any amount at rate offered. Delivered Prepaid in U. S.

JULES AMOTT (Wilson) 78 *—††† Exh.
Com. Clear, rich, velvety dragon red self except for slightly darker shade on lip. 25 buds, 10 open in full exh. double row placement on extremely long flowerheads. Tall, good propagator and excellent cut flower traits. Firsts, Wellsville, O., (3 firsts) Conn., E. N. Y. (World's Fair). Ohio and N. E. G. S. all '40. Considering the small supply of this variety as yet extant, the following reasonable prices merit your immediate start with this glad. Each **L \$1.00 M .70 S .40 Blts .10** (15 for \$1.00)

RED CHARM (Butt) 80 **—††‡ Exh. Com. Clear color without flecking, about identical with that of Com. Koehl, but glistening. 17-18 buds, 8-9 open, round $5\frac{1}{2}$ inch florets, 55 inches tall. Makes healthy bulbs and plants, strong and straight wiry stems. Good blooms from smaller sizes. In fact, a grand self color with fine cut flower habits. Calgary, Marion Co., Ind. and C. G. S., '40. Each **L \$1.50 M .75 S .50 Blts .10**

REWI FALLU 98 ***—††‡ Exh. A deep, blood red of very large size opening 8 florets on medium tall plants. Bulblets often bloom. Good propagator. Very popular. Took a nose dive in the C. G. S. Symposium mainly because the voters realized it hardly deserved the very top position it held in the previous one. Rates 4th in last Ohio and 12th in N. E. G. S. symposiums. Our 1sts at Md., Ohio and Mich., '39. E. N. Y., Hamilton Dist., Iowa, Ind., Marion Co., Ind., Me., N. E. Mich., Pa., Sioux City, Utah, Wash. and Sec. champ at both Cedar Rapids and Minn., all '40. **L .08 (100, 5.00) M .05 (100, 3.00) S .03 (100, 1.50) Blts (100, .25)**

WALK-OVER 80 ***—††‡ Exh. Com. Glistening red, deeper than Tip Top. Huge, round florets, reminiscent of Mac but still bigger. Excellent spikes from the smaller sizes, unlike Tip Top. Excellent propagator. Excellent cut flower habits, as well. B.G.S., '36. Voted best medium-early glad, all colors and types, by Holland Bulb Growers Ass'n. Plants mature early and should be dug early. Our 1st, Mah., '39. **L .25 M .15 S .10 Blts (100, 1.50) Supply limited.**

DEEP RED

BLACK OPAL 92 *—††† Exh. Deep maroon, somewhat marbled. Makes tall, symmetrical exhibition spikes, 10 open, 22 buds. Good bloomer from the smaller sizes. The prize winning on this new one begins. Ohio, E. Bay, Snohomish Co., E.S.G.S. and our 1st Mich. where it scored 85 points, exceeded only by Peggy Lou, all '39. E. Bay, Md., Mich., Wash., Wellsville, Sec. champ Cedar Rapids, all '40. 7th best glad C. G. S. Symposium and tops its color sec. and that of N.E.G.S. **L .25 M .15 S .10 Blts (100, 1.00)**

MIDNIGHT RED (Rich) 70 *—†‡ Exh. Com. Very dark red, velvety and glistening. Small cream stripe on lip. Wide open, plain petalled florets with excellent arrangement which one may rely upon for consistency. Straight, strong, tall spikes. $4\frac{1}{2}$ -5 inch florets, 6 open, 16 buds, 24 inch flowerheads. Good substance and fairly good propagator. "Honorable Mention," E. S. G. S., '39. "Award of Commendation," E. S. G. S., and our 1st S. E. Mich., '40. Bulbs any size, Each .50 **Blts .07** Net prices, no discounts.

MOORISH KING **—‡ Exh. Impressive, long spike, carrying immense, glossy, mahogany maroon florets. Lighter than Morocco but completely eclipsing it in size. Scarce because slow propagator. Blts germinate very unsatisfactorily. A.M., Haarlem and B.G.S. Two 1sts A.G.S., '34. (Am.) N.E.G.S. and our 1st Ohio, '35. Peterboro Hort. and Ia., '37. E.S.G.S. and 3 Ia. shows, '38. Ohio, '39. Mich., '40. **L .08 (100, 6.00)**

OGANDA 98 —† Dec. Black red, almost a solid black color with silky gloss, without markings or blotches. We have bloomed this from L bulbs three years and it is certainly the blackest glad we have yet seen. Florets run 3-4 inches dia., 4-6 open, 10-13 bud, 3-3½ ft. tall, on strong, slender stems. Supply very limited. A.M., R. Hort. S., F.C.C., Haarlem, '35. We started the ball rolling in America with a 1st at Ind., '38. Our 1st, Mah., '39. **M .15 S .10 Blts (10 for .40)**

"Everything I bought from you has been top notch and the glads' you sent me gratis have been worth what I paid for the others." 7-6-'37. Prof. E. M. S., Sacramento, Cal.

SMOKY, ETC.

BAGDAD 98 ***—†‡ Exh. Smoky, old rose, darker to edge, throat lighter with a bit of cream, 5-6 ft. tall, straight spikes. Florets 6-7 inches. 5-7 open, loosely spaced, making immense flowerheads. 10th in N. E. G. S. symposium. Still taking its share of prizes most everywhere. L .06 (100, 4.00)

CHIEF MULTNOMAH (Ellis) 90 **+††‡ Exh. Giant florets of smoky mahogany with large red blotch, holding many open on immense flowerheads. Very spectacular. Powerful grower. Mich., Sec. champ E. S. G. S. and our 1st at Ohio was among the several spikes considered for grand champion, all '40. L .25 Blts (100, 1.00)

MISTY DAWN (Rich) 90 ***+††‡ Exh. Color soft, smoky gray salmon with light bluish flakes at edges. Spectacular, large orange red blotch. Immense, round petalled florets 6-7 inches, 6-9 open, 16-18 buds, 22-28 inch flowerheads, height about 5 ft. Spike is generally straight, placement good. Substance fairly good for so large a floret. Rapid propagator. "Honorable Mention," E. S. G. S., '39. "Award of Commendation," E. S. G. S. and our 1st, single spike seedling, Ohio, '40. Our introductory price is attractively low, we are sure. Bulbs any size, each .50 Blts .07. Net prices, no discounts.

MOTHER MACHREE 100 **—†††‡ Exh. Salmon Orange. Silver gray. Sunset colors of high lustre and sheen. Consistent producer of long, straight, stunning spikes. Not much difference in the show records past five years, between Mother Machree, Bagdad and Marmora. Whichever specimen was grown the best usually won. Latest records: Calgary, C. G. S., Hamilton Dist., Iowa, Md., Wash., Winnipeg, Sec. champ Mich. and Grand Champion at E. S. G. S., all '40. Rates 7th and tops color sec. in N. E. G. S. symposium. L .06 (100, 4.00)

R. B. (Bales) 90 ***—†‡‡ Exh. Huge rusty golden brown, or henna, on an old rose base. Strong grower, fast propagator. Giant florets from **M** and **S** bulbs as well. Attachment of floret to stem is a bit faulty at times. Largest floret both E. N. Y. and Conn., '40. L .40 M .25 S .15 Blts (100, 3.00)

VAGABOND PRINCE 97 *—††‡ Exh. Irridescent, garnet brown, lighter in upper throat, small flame scarlet blotch below. 8-10 open. The color combination is very attractive, as well as unusual. If you like striking, novelty color combinations, we suggest you waste no time acquiring this one. We get spikes from small bulbs comparable with those from Peggy Lou. We have record of 18 firsts in shows we are reporting, also Sec. champ at Md., Iowa, N. E. G. S., and Algona, all '40. Rates No. 5 in N. E. G. S. and 8th in C. G. S. symposiums and tops color section in both. Classified "Any other Color" in C. G. S. Rates 2nd only to Peggy Lou in last Ohio symposium. L .06 (100, 4.50) M .04 (100, 2.75) S .02 (100, 1.50) Blts (100, .20)

ZUNI 92 *—†‡‡ Exh. Salmon and slate with some light orange salmon feathering. Will fade slightly if opened in strong sunlight. Ruffled. 10-12 open with good placement. Vigorous grower. Blooms well from smaller sizes, fast propagator and bulblets perform exceptionally well. New. A.M., Md. G.S. Trial Grounds, '37. Grand Champion, Grants Pass, '38. Wisc. and Grants Pass, '39. C. G. S., Conn., E. N. Y., Md., Me., Iowa, Ohio, Wash., Winnipeg, Sec. champ at E. S. G. S. and Cedar Rapids and Grand Champion Thunder Bay (Port Arthur) all '40. Tops its color section, C. G. S. ("Smoky"). L .15 M .08 S .04 Blts (100, .50)

"Your heavy young bulbs did more than their share in winning the Amateur Point Achievement for me. And the C.G.S. annual you so kindly secured for me was fine and their symposium a great help in deciding what varieties to grow." 11-21-'38. M. B., Chelsea, Ia.

COLLECTION OF PATENTED GLADS

California

June Bride

Grand Opera

King of Hearts

Helen of Troy

Sir Galahad

One each, Large \$6.00 value for \$3.50

One each, Medium, \$3.00 value for \$1.75, Net Prices

LEAD YOUR FRIENDS AND NEIGHBORS — HOW TO DO IT

Simple as can be. Inexpensive, too. Plant healthy, young bulbs of the large size of varieties currently winning first prizes in the major shows of the world. Soil prepared in the fall with heavy applications of well rotted cow manure and bone meal is excellent. Avoid horse manure in any season. Plant in the sunniest location possible. Shelter from strong winds is desirable. Preferably in a group planting by themselves.

Plant large bulbs 5 inches deep, medium bulbs 4, small bulbs 3 and bulblets 2. If soil is extremely sandy plant somewhat deeper. If very heavy, somewhat less deep. For best bloom production set bulbs apart in row roughly about 4 times their diameter. Sow bulblets thickly, like peas. Distance between rows as little as will permit of your particular method of cultivating, weeding, etc.

Do not make them compete with other roots of trees, shrubs or weeds. Cultivate often and close, keeping surface loose.

Most of us already know that gladioli prefer a somewhat acid soil. Silt and sand in the composition of your soil is valuable. Avoid lime unless needed to cure a superacid condition (expressed pH 1 to pH 4). Likewise avoid, more importantly, super alkaline soils (pH 8 to pH 14). Neutral is pH 7, but pH 5 to pH 6 is what you should strive to obtain. Your nearest State Agricultural Experiment Station will test samples (a pound or two) of your soil for acidity rating or will advise you how to do it. A well drained soil will have much to do with your cropping disease free bulbs, particularly if dug after a wet fall.

If a heavy application of cow manure (3 to 6 inches deep) and coarse bone meal (25-30 lbs. to 500 sq. ft.) was applied in the fall and the ground left rough, no more fertilizing need be done the following year.

If fall fertilizing was not done, well rotted cow manure may be worked into the soil before planting. After the trench is dug, if soil is heavy, it will be beneficial to spill an inch of fine sand on the bottom before setting the bulbs. If sand is dry it can easily be spread with a sprinkling can with the rose removed from the spout. After the bulbs are set and one half of the excavated soil is returned over the bulbs to protect them from fertilizer contact, a handful of superphosphate (0-16-0 or 0-20-0) may be spread along about 4

ft. of row. This is in lieu of the fall application of the slower bone meal. If cow manure was not available you may now use, in addition to the superphosphate, 2 handfuls of prepared sheep manure (baked to kill weed seeds) per 4 ft. of row before filling in the upper half of the trench.

Pack the soil a bit (carefully if the bulbs are sprouted) to assist in rapid capillary attraction and speedy growth. If soil is very dry at planting time, drench with water heavily, to penetrate six inches. Thereafter, until time when flower buds can be felt in the stalks, use water very sparingly. Of course, if little or no rains for 15 or 20 day periods drench again and keep the plants well weeded and cultivated.

During the bud to bloom stage is the one time it is desirable to keep the ground definitely on the wet side. Next to impossible in well drained location to get it too wet at this stage. Naturally, if the soil be wet and soft and high winds come, some tall and heavy plants may go over, bulb tilting in the soil and tearing roots, if permitted. We consider it advisable to use some method of staking if the soil is kept extremely wet at this stage. We use some 6 ft. steel stakes, $\frac{3}{16}$ inch diameter and rubber bands. The stakes are inconspicuous and if blooms are cut can be readily moved to other spikes throughout the season.

After the peak of bloom season, if weather becomes extremely hot and there appears any tendency of the stems to soften somewhat, this extra watering may be concluded and very shallow cultivation continued through the balance of the blooming season if you can still get in among the plants to do so.

Whatever general fertilizing method may be used, a "shot in the arm" type may be used on a few or all plants just as the early buds begin to form in the stalks. Use a handful of dried blood meal for about 5 to 10 plants or a handful of ammonium sulphate to about 10 to 15 plants, scratching it in several inches away from the plants. Soak the ground heavily the day before so that the plant will be saturated and in strong growing condition, thus withstanding a shock which might otherwise burn off the rootlets, turn the foliage yellow and stop further growth. This will increase the size of the florets and the length of the spike.

Above formulas are maximum. Many would consider them extreme. We do not remotely approach these extremes ourselves as our aim is a bulb crop and the blooms incidental. But a large number of our customers have used these methods with highly gratifying results.

Particularly in hot weather, spikes which are cut when but one or two florets are open, fill out with more open at a time when bloomed indoors in the light but not sunlight, away from any breeze, making better exhibition spikes and preventing any fading of color such as is sometimes found in some of the finest orange scarlets, as well as preventing wilting of varieties without strong substance. Cut stem slantwise to provide larger drinking area and place in water at once to avoid air pockets in stem. Allow three or four leaves to remain on the plant to mature the new bulb which is hardly half grown when spike is cut. At least six more weeks are needed to mature the bulb, except where blooms are from large bulbs of very late sorts, or where blooms arrive at late season from young planting stock.

BULBLETS

The little hard shelled bulblets will not germinate until moisture reaches them. Therefore, it pays to keep them on the moist, almost continuously wet side to rot the shell until they begin to appear. Bulblets in quantity may be bagged, kept moist by occasional immersion in warm water and in a warm place, for a week or so, to hasten the shell rotting process. If some start rooting, plant all. If expensive bulblets in small lots, you may chip off a fragment of the shell with point of a small pocket knife, using care not to injure eye or root base. Plant early, as soon as ground warms in spring.

DON'TS ON DIGGING

Do not leave part of stem on bulb, cut close and burn the tops.

Do not leave bulbs to dry where frosts can reach.

Do not pile deeply. Quick drying (not in hot sunlight) is extremely important to prevent spread of diseases in storage.

Do not remove roots and old bulb for some weeks unless old bulb is soft or shows decay. Wait until they separate with ease and without tearing the new root base. This waiting period is the most desirable time for sprinkling your bulbs lightly with naphthalene flakes. See paragraph on that subject.

INSECT PESTS AND BULB DISEASES

This subject, fortunately, has again become relatively unimportant to the well informed, who have learned that simple, preventive measures are better than complicated and sometimes ineffective curative measures.

Likely, your bulbs are clean and need none of these treatments, but we are presenting this information for those who may need it.

Inspect your bulbs before planting. If doubtful looking, remove entire husk, though the husk does function to ward off from the planted bulb frost, fungus diseases, grubs and wire worms.

We proceed with our subject under sub titles.

FUSARIUM YELLOWS FUNGUS DISEASE

We discuss this subject because so many buyers of planting stocks (and blooming sizes) order in stocks from different localities, basing their purchases largely on attractive price. When such price has been made possible by neglect of proper field rotation and lack of scientific bulb treatments, such intensive culture often results in your receiving bulbs which develop a core rot as the storage season progresses. If you do not discover this eating away of the bulb tissue where the roots must emerge, if at all, and plant this fungus infected bulb, the stem of the plant will wither, tips of leaves begin to turn yellow and die back. Progressively, the entire plant is affected and eventually dies. Unless this plant and the surrounding soil is removed, the fungus will rapidly spread in the soil. The following year this location will be unsafe either for your or our sound bulbs.

In certain areas of intensive gladiolus cultivation this subject is so serious that, eventually, a mass exodus from the locality may be the only solution. Very fortunately, Ohio growers, as yet, have little or no experience with the disease.

Not so serious are various types of scab and dry rot that only produce localized lesions on the bulb, which can be gouged out, or the organisms that cause these can be starved out by rotation of planting location or the corrosive sublimate treatment.

Unlike these surface lesions, Fusarium invades the root system, causes a browning of the core, sometimes with brown strands or streaks of discolored tissue extending from core to leaf bases. Replanting these bulbs to a new site results in further spread of the disease and ultimate rotting of the bulb. Such bulbs should be burned, not planted. If an expensive bulb seems slightly affected and a desperate measure is sought to preserve its life you might try dipping the bulb for a moment in a suspension of calomel or yellow oxide of mercury, formula 1 oz. of either material to 5 pints of water. Drain bulb and plant immediately.

Our bulbs are individually examined for the slightest sign of this disease and are destroyed on merest suspicion, since we feel it is better to be safe than sorry.

BULB SURGERY

A few specks of disease spots, wire worm injury or scab may be gouged out without the slightest harm to the plant provided the bulb retains a good eye and root base. Cutting out these segments only cuts away that much food to start off the new plant. Best dust the cut surface with powdered charcoal. Next best common sulphur or at least dry until bleeding stops before planting.

Or wipe the cut surface dry with some paper towelling and then paint well with melted paraffin.

You may do these things any time during the storage period, too, or just rely on corrosive sublimate treatment to clear them up.

A plump bulb of $1\frac{1}{4}$ inches diameter has plenty food to start production of a show specimen spike. If the bulb is 2 inches or more in diameter it may have two or more prominent eyes or sprouts, indicating that it will make as many stalks and spikes. Now this one bulb cannot be expected to make two or more spikes of the same show specimen quality it would produce if held to a single eye and spike. If you want to bring renewed youth and vigor to your old jumbo bulbs and beat the other fellow, just disbud the bulb, i.e., gouge out all eyes except the most prominent one, just as you gouged out the little specks of scab or disease, dusting as before. We are of opinion that bulbs may be lost by this process only by failure to heal the cut surface sufficiently before planting.

EXAMINE YOUR BULBS

If your bulb is not bright and clean looking, something has gone wrong. It is easy to soak them the night before planting in the simply prepared, inexpensive corrosive sublimate solution, a sort of "cure all" for bulb diseases as well as thrips prevention, and not to do so may easily be disastrous. This treatment is almost universally adopted now by amateurs and growers alike.

Thrips do not winter over outdoors in the Northern states but they are often brought into the storage quarters with the bulbs. If the bulb has irregular areas of russet brown, often confined to one or more areas walled apart at adhesion line of the layers of husk, with the surface somewhat roughened, it is likely some thrips have been feeding on the bulb juices and if the surface is sticky, likely they are still there and alive. If not sticky, likely the temperature has been below 50 degrees long enough to kill the insect but not the eggs. The corrosive sublimate will kill both insect and eggs.

The use of the well known naphthalene treatment a short time after digging kills any of these thrips that may have been brought in promptly and the bulb has a better chance to survive the storage period and remain a bulb still fit to plant.

NAPTHALENE FLAKES

We highly recommend this simple and economical treatment. If you allow thrips to feed upon your bulbs they will suck the juices, injure the eyes and rootlets and growth will be retarded and inferior flowers produced, even if you eventually kill them off at planting time by some treatment. Avoid crude naphthalene or camphor or para-dichlorobenzene as they may contain creosote or other injurious chemicals. The best time to use it as soon as the roots are considered too dry to suck any naphthalene into the bulb. Maybe a matter of hours or a few days, depending on drying methods. Do not apply to bulbs from which the old bulb has just been removed, as the severed area is moist for a while and the naphthalene might soak into the bulb. It is safe both to the user and to the bulbs, during their dormant period of storage, even when an overdosage is used, provided the bulbs are fairly well dried. One ounce (4 level tablespoons) sprinkled on each 100 large bulbs or equivalent in bulk of smaller sizes, is sufficient if bulbs are stored in closed bottom container. If screen bottom or in onion sacks, double the amount. Will kill insects promptly and gases will continue for several weeks, killing the larvae as soon as hatched. Allow to remain at least 3 weeks. But note they will not hatch under 50 degrees. Do not completely cover the bulbs as evaporation takes place constantly and to prevent it will make the bulbs first damp, then mouldy, then susceptible to rot and diseases. Applying the flakes in a closed paper bag is safe for a few weeks if bulbs be dry, since some moisture can escape. Avoid wax or oil paper bags since moisture could not escape. If roots and old bulbs are removed several weeks after application, any naphthalene remaining may be removed. If the flakes have not entirely evaporated by the time little root knobs and eye sprouts emerge, showing bulb is no longer dormant, shake out any remaining. Do not use any naphthalene in the trench at planting time since it is safe only to the dormant bulb.

CORROSIVE SUBLIMATE

Also known as mercuric chloride treatment. This produces such wonderful results, with so little effort, with so little cost, that no one, whether he grows a bed of glads four foot square or four acres, should fail to so treat his bulbs. Regardless of where or how the bulbs grew the preceding year. This gives the bulb a coating that wards off various bulb diseases and fungus attacks. We used to keep our bulbs healthy by this process long before we ever heard of thrips. Now, it has been conclusively proved, this treatment also kills any thrips and their eggs, and, if used, you only need keep a watchful eye for thrips infestation from outside sources. Remember soaking processes are only advisable just before planting. This is not a fall treatment. If your bulbs are husked, they need only be soaked half as long, but we do not advise husking unless you

know your bulbs are infested badly and you wish to take no chances on penetration to the bulb. Many have inquired if the treatment is safe to use on badly sprouted or rooted bulbs. This will not harm them.

We read an article in a Canadian "quarterly" by someone who called himself "I Dip'em," who said he had a lot of little batches. To keep them separate he obtained some of the women folks' old stockings, slipped a batch into a toe with wooden label, tied the stocking above the batch and so proceeded until all the batches were conveniently ready to soak, remove and drain.

Note Important Revision of formula by U. S. Dept. Ent. to allow additional time for penetration of stubbornly tight husks.

Dissolve 1 oz. of the powder first in a bit of hot water, then pour into 7 gal. of water, preferably above 60 degrees. Remember, cold water may render the treatment ineffective. This must be poured into a non-metal container, such as a crock, wooden pail, glass or unchipped granite ware. Varieties kept separate in cloth bags. No difference if bulbs are then planted wet or dry, but the sooner the better as much of the coating may be lost if bulbs become dry. Solution weakens with use, so replenish 100% if used again. Soak 12 to 17 hours, preferably night before planting. Be sure bags are fully immersed. Do not use this substance in tablet form unless you learn exactly how much of the tablet, in weight, is actually corrosive sublimate. You want a final solution of about 1-1000. This solution is safe to the hands but is a deadly poison and must be used and disposed of with extreme care.

Note. We have never recommended lysol, formaldehyde, eucalyptus oil or lye as a substitute for corrosive sublimate. Kindly remember this.

Our bulbs get the naphthalene treatment a week or two after digging, the Ethylene gassing late January and the unsold bulbs get the corrosive sublimate before planting. Advertising "treated" bulbs means little unless you know the method used and when last used.

TARTAR EMETIC SPRAY FORMULA REVISED

The Tartar Emetic formula heretofore recommended by the U. S. Dept. of Entomology and found to be so much more satisfactory than the paris green formula has just been revised.

Exhaustive tests have shown that the quantity of Tartar Emetic (either U. S. P. or Technical grade) and brown sugar may be reduced to 2 and 4 pounds, respectively, per 100 gal. of water, as compared with 4 and 16 pounds respectively, previously recommended, without reducing the effectiveness of the spray.

Interpreted in smaller quantity the new formula reads 1 oz. Tartar Emetic, 2 oz. brown sugar, 3 gal. water.

To those of you who decide to use Tartar Emetic we suggest that you change to Rototox as soon as blooms appear and thus avoid sticky blooms and foliage. See information on Rototox on following page.

INSECTICIDES

If thrips appear on your plants they must be controlled before the bud spikes emerge from the foliage. Watch for any silvery gray streaks on the foliage. If permitted to increase unmolested they will extract juices from the buds resulting in a burned appearance, they will eat streaks of color off the petals even before they unfold and if they unfold at all, the petals may crimp up their edges and dry to a dull brown. Even the young, lemon colored thrips may do this damage to the bud so it is important to kill such adult thrips as may arrive before they lay eggs, also because the young have the bad habit of staying inside the bud and crevices of the plant where they are hard to reach with insecticides. The silvery gray (feeding) streaks on the foliage, in badly infested cases, turn brown, stopping both plant and bulb growth.

In our opinion, thrips come more into the open during the hours of 4-6 P.M., so spraying is most effective if done at that time. Also, the less heat the safer for the plants and evaporation is retarded. If plants are thirsty when spray is applied, spraying hazards are increased. Plants should be well watered but the foliage should be dry before the spray is applied. Spraying but one part of the patch only is inadvisable on account of the migratory habits of the insect.

Plainly we want an insecticide that will not burn the plants and that will act as a "double action" insect poison effective on both sucking and leaf eating forms of insects. **Rotenone** in proper concentration, with a spreader that will not deteriorate the ingredients, is both inexpensive and more effective than any other formula that has come to our attention. Above all, we beg our readers not to put off inspecting the plants for thrips infestation until blooms appear. If they already have a good foothold at that time you may have a very discouraging task on your hands.

We recommend **preventive** spraying, using a somewhat lighter concentration than advised for serious infestations. Either about once every 10 days after plants are up 6 or 8 inches until blooming, or else about 4 sprayings about 4 days apart beginning about 20 days before blooming, i.e., about when the bud spikes begin to fatten the stalk. If an infestation is actually present, use full strength concentration. In any event, have your insecticide on hand to use if needed.

ROTOTOX

The Penetrol spray made with Rotenone, containing also Ethylene Dichloride, in fact a full 90% of active ingredients.

We have been investigating the value of the new insecticide called "Rototox" with a view to its substitution for all home-made, assembled formulas, as a complete spray in itself for all general purposes and for gladiolus in particular. The results are almost too amazing to be readily believed. Let doubters try it and be convinced. We have numerous reports that its use has been highly satisfactory. Perhaps you have already seen the article by Dr. Roark, of the Dept. of Agriculture, who considers Rotenone (derived from derris or cube root) one of the most effective insecticides available, being fifteen times as effective as nicotine and thirty times as effective as arsenate of lead.

Rototox, while so deadly to insects, is non-poisonous and perfectly harmless to humans, animals and plants and fruit and vegetables sprayed with Rototox may be eaten with perfect safety within 24 hrs. after spraying. The Rotenone acts as a stomach poison to insects as long as it remains on the plant, in addition to being a contact insecticide. Penetrol (oxidized petroleum hydrocarbon, sulfonated) is a carrier, spreader and activator. It is neither acid nor alkaline nor caustic, so the rotenone is held in perfect suspension, without precipitation or disintegration, thus making no disfiguring sediment to mar or injure the most delicate foliage or petals. Therefore, no need of segregating early and late varieties. It causes the formula to emulsify as readily and completely in cold, hard water as in warm, soft water.

It does not have to be kept agitated and it cannot clog the spray nozzle. These are the reasons why Penetrol is known as the best spreader for carrying the formula into the crevices of the plant, an extremely desirable feature for the control of thrips.

Rototox contains Ethylene dichloride, which has for many years been used by many large growers for gassing their bulbs in storage quarters. This ingredient is valuable because it reaches many insects not contacted and portions of the plant not fully covered by the spray.

At Century of Progress grounds, 1934, there was planted four large plots of beds of gladiolus by about 20 growers. (We participated). Laid end to end there were 6 miles of rows of gladiolus. Rototox was used preventively on all these beds with very satisfactory results.

Rototox has already become popular for greenhouse use and is cheap enough for use on large acreages of gladiolus, dahlias, perennials, evergreens, truck crops, etc.

The Rototox Co. has an excellent 20 page booklet containing much valuable insecticide information for all branches of horticulture. Free on request to them.

We do not stock Rototox. You can get what you need promptly (much quicker than by asking us to relay your order), postage prepaid, from

The Rototox Co.,
81 East Yale St.,
East Williston, N. Y.

Their prepaid prices (no doubt subject to change) are: 1 oz., 35c; 8 oz., \$1.00; 1 pint, \$1.75; 1 quart, \$3.00; $\frac{1}{2}$ gal., \$5.00; 1 gal., \$10.00; 5 gal. \$45.00.

At the strong concentration for bad infestations, 1-200, 1 gal. will make 192 gallons of spray. At suggested preventive concentration, 1-400, 1 gal. will make 384 gallons of spray. (About 5c or $2\frac{1}{2}$ c per gal., depending on concentration needed.)

"Ever since and including 1933, when I first followed your suggestion to use Rototox, I have used it every year with completely satisfactory results on gladiolus plantings ranging from small plots to two acres. A mighty profitable tip and many thanks." 12-4-40. L. M. P., Twinsburg, Ohio.

"Have used Rototox now for six years. This year I used it to treat the bulbs before planting in addition to the usual spraying and again had very good thrips control." 11-5-40. H. E. B., Salem, Ohio.

"I wanted to tell you that my asters were in a sad state, the leaves curling up and withering, and I sprayed them 3 times with Rototox mixture the same as I use for glads and they are now good healthy looking plants. Last year my hollyhocks were covered with rust. So this year I started spraying with Rototox when they were very small and each plant is clean and healthy. I am more than pleased with the results." 7-17-'39. Mrs. E. H.S., York Harbor, Me., and Philadelphia, Pa.

"Have been using Rototox now for three years. Found it very good." 4-3-'39. L.S., Miamisburg, Ohio.

"Used Rototox on ten thousand glads and had fine results." 11-2-'39. W.C., Schenectady, N. Y.

"I have used Rototox as a spray for three years and can truthfully recommend it to my friends. Thank you for recommending it to me." 2-20-'39. F.W.S., Cleveland, Ohio.

"I have been using Rototox for some years and it has proven very satisfactory in every way, especially for the control of thrips on Glads. Glad thrips are no longer a menace as I spray my Glads 2 or 3 times and forget about the thrips. I soaked my Glads in Rototox this spring and I note that they came up much quicker than when soaked in bi-chloride and seem to be much healthier looking." 6-27-'39. E.S.H., Lisbon, Ohio.

"I have been fighting thrips and other insects on my roses for years. I have secured better control with ROTOTOX than with a dozen other insecticides. I spray 1-200 twice, 24 hours apart. No more thrips until more are blown in. This may be 3 days or as many weeks.

"I have no objection to your quoting me. You have a product that is very good. I would be glad for others to receive the benefit from it." 11-23-'37. Mr. Clapp, State of Texas Park Board.

"I used ROTOTOX on about 10,000 gladiolus as a means of getting rid of thrips. It proves very successful in this. In fact, I will consider it the equal if not the superior of any other treatment we have ever used for that purpose. Found it effective also against silver fish and cock roaches, also as a fly and mosquito killer. I have taken occasion to recommend Rototox through my newspaper syndicate and have recommended it perhaps a dozen times before various garden clubs where I have lectured. Will use as dip when bulbs are dug." 9-29-'37. (Dr.) Floyd Bralliar, Dean Nashville Agricultural Normal Institute, Madison, College, Tenn.

GLADIOLUS SOCIETIES

There are now upwards of forty state and regional societies in the U. S. and eight provincial or regional societies affiliated with the Canadian Gladiolus Society. Several each in Australia and New Zealand. National societies in England, Holland, Belgium and Germany. Upon request we will assist you to contact your nearest society. All have Prize Schedules and Annual Exhibitions. You may make checks, drafts or Postal Money Orders payable to any society below mentioned, amounts as indicated and we will transmit same to the secretary of the society selected.

In the U. S. the New England Gladiolus Society is the outstanding society with respect to publications. "Regular" membership, \$1., entitles you to the 250 page Annual. "Supplement" membership, \$2., entitles you further to the three 40 page supplements published April, July and October. "Affiliate membership, at \$2.15, entitles you not only to the Annual and the 3 Supplements, but also to full membership in any one of the following affiliate societies: Calgary, Conn., E. Bay (Calif), Eastern N. Y., Fairfield Co. (Conn.), Ill., Iowa, Maine, Marion Co. (Ind.), Mid South, Minn., Ohio, Pa., Southeast Mich., Susquehanna (Md.), Utah, Wellsville (Ohio), W. Va., Winnipeg (Man.), Sheboygan and Manitowoc (Wisc.), Yakima Valley (Wash.).

The N. E. G. S. '41 Annual will contain interesting articles on New Varieties, Culture for Beginners, Botanical Study of the Corm, Research on Bulb Diseases, Hybridization, Registrations, Show Reports, etc.

The Canadian Gladiolus Society publishes an Annual of about 200 pages. This society conducts a Symposium and Rating of about 600 of the foremost gladiolus varieties of today, classifying them into 21 color groups, rating them skillfully within their respective color groups. This feature alone is sufficient to make their publication outstandingly valuable. Affiliated societies are Quebec, Hamilton, Regina, Winnipeg, Calgary, Saskatoon, Edmonton, Truro. Of these, Quebec and Calgary publish annuals.

Write to us early in July and by then we will be able to inform you of time and place of any show or those within 4-5 hours drive. The W. Va. show will be at Wheeling, Aug. 2-3. Sioux City there Aug. 9-10. Iowa State at Algona Aug. 16-17. N. E. G. S. at Boston Aug. 20-21. Pa. at Johnstown Aug. 23-34.

New England Gladiolus Society, \$1. (Annual). Albin K. Parker, Sec'y., Norwood, Mass. "Supplement" membership (annual and supplements), \$2. "Affiliate" membership, (annual, supplements and the state publications), \$2.15, should be paid to the sec'y of the affiliate society.

Canadian Gladiolus Society, \$2. (Annual.) Mrs. J. A. Carleton, Sec'y., 166 Willow Rd., Guelph, Ontario, Canada. Write to Mrs. Carleton for information concerning their affiliated societies.

British Gladiolus Society. Activity suspended for duration of the war.

Ohio State Gladiolus Society, \$1. (Quarterly Bulletins). W. W. Wood, Sec'y., Rudolph, Ohio.

Indiana Gladiolus Society, \$1. (Quarterly Bulletins). Wm. J. Ferrier, Sec'y., 210 Walker St., Michigan City, Ind.

Iowa Gladiolus Society, \$1. (Monthly Bulletin). This membership may be direct or through affiliation with either the Sioux City, Ames, Cedar Rapids or Algona Gladiolus Societies, without additional cost. Address Iowa Glad. Soc., Secretary's Office, State House, Des Moines, Ia.

Michigan Gladiolus Society, \$1. (Quarterly). M. J. Elenbaas, Sec'y., 1032 Madison St., Grand Haven, Mich.

FREE BULBS

Here is how. This offer is only to secure new members, not renewals and cuts your membership fee in half, as you will readily see.

To all customers sending in Retail orders of not less than \$5. If you will also transmit to us your check or money order made out to any of the above societies, in the full amount for one year new membership fee, we will transmit same to such society and you may add to your order bulbs of your own selection from our catalog (at list prices, no further discounts) to the amount of one half of such membership fee.

Illustration: Utah customer sends in \$5. or larger retail order and selects the Ohio-N. E. G. S. affiliation, enclosing \$2.15 made payable to the Ohio society. He selects and adds to his order \$1.08 worth of bulbs (at list prices), without charge. We do the rest.

FREE MEMBERSHIPS

To all customers, including foreign, whose purchases at Retail total \$25 or more, provided such customer is not already a member, we will give a paid-up one year membership in the Canadian Gladiolus Society, the New England Gladiolus Society or any other membership or combination membership above described that will not cost us more than \$2.15.

This page is not a gesture. It has been costing us in the neighborhood of \$200.00 in cash and bulbs for many years.



YES, WE WERE CAUGHT WITH THE GOODS—
(One spike Stella Antisdale, two spikes King of Hearts)